

DUSTERS • MOPS • BROOMS • LADDERS • PAINTERS ACCESSORIES

# BRUSHES

FOR FACTORY, MILL, FOUNDRY, HOTEL, SCHOOL, AND INSTITUTIONAL USE

**HAROLD E. SMITH LIMITED**

BRUSH MANUFACTURERS

MONTREAL

CANADA



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# BRUSHES

CATALOGUE No. 3

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*Authoritative Building Exchange reports show that out of every dollar spent on cleaning buildings \$0.95 goes for labour, and but 5% goes for materials. More and more building operators are appreciating the value of good tools, which help them save on that \$0.95 item.*

## **FOREWORD**

In this catalogue, every effort has been made to present in as concise and complete a form as possible a selected range of Brushes, Brooms, Mops, Dusters and kindred articles which experience has taught are most useful for the purposes for which they are intended.

We regularly carry a full stock of all standard types listed.

Since 1912 the name Harold E. Smith has stood for quality in this field, and our customers are assured that a high standard of both quality and service will be maintained.

## **SPECIAL PURPOSE BRUSHES**

The building or rebristling of special purpose factory brushes is an activity for which we are well equipped.

See page 47 for a more complete outline of the scope of our work in this department.

## **HAROLD E. SMITH LIMITED**

**Brush Manufacturers**

**607 CRAIG STREET WEST**

**-**

**-**

**MONTREAL**

**CANADA**

## **CONDITIONS AND TERMS**

All previous Price Lists and Discounts cancelled.

All prices subject to change without notice.

Terms—Net cash 30 days, or 2% cash 10 days.

All claims for shortage, etc., must be made immediately on receipt of goods, as otherwise it is difficult to trace such shortages.

All goods sold F. O. B. Montreal Factory and Warehouse unless otherwise agreed upon.

Orders subject to acceptance of our office.

Federal Sales Tax extra.

## INFORMATION ABOUT BRUSH MATERIALS AND HINTS ON THE CARE OF BRUSHES

### BRISTLE

Virtually all bristle used in the making of brushes comes from hogs native to the coldest regions of China and Russia. There are many degrees of softness and stiffness in bristle, and a variety of natural lengths. The longest bristle of each class being the stiffest.

Chinese bristles are nearly always jet black; two classes, however, Chungking and Yunnan, are sometimes dark brown in color. Of the different sorts of Chinese bristle, Chungking and Yunnan are stiff, Superior Hankow, medium stiff, and Tientsin and Manchurian, soft.

Russian bristle is usually Grey, Yellow or White, and comes in Stiff, Half-Stiff and Soft grades.

Bristle is identified by its "Flag" or split end. This "Flag" which is peculiar to bristle is what makes it uniquely valuable for brushes, particularly paint and varnish brushes, consisting as it does of from two to four or five fine hair filaments branching off the end of the bristle which help distribute the vehicle smoothly and uniformly over the surface.

### FIBRES

**BASS**—Bass is a coarse to medium coarse fibre secured from a species of Piassaba palm growing in Africa and Brazil.

**BASSINE**—Bassine, another fibre of coarse texture, is not quite as stiff or coarse as Bass. While similar in name the two fibres come from different sources, Bassine being the highest grade of fibre obtained from the Palmyra palm growing in India and Ceylon.

**PALMYRA**—Palmyra is a fibre of medium coarse texture, but not as coarse or stiff as either Bass or Bassine. It is also obtained from the Palmyra palm, but in texture is unlike Bassine.

**PALMETTO**—Palmetto, while not as coarse or stiff as Palmyra, is very tough and flexible. It is obtained from a dwarf palm growing in Florida.

**TAMPICO**—Tampico is the finest textured of the fibres and is obtained from a plant growing in Mexico. In its natural state, as prepared for the brush industry, it is yellowish white in color, but is sometimes dyed black or red for effect and is thus available, in White, Black, Grey (Black and White mixed) or "3-color" (Black, Red and White mixed).

### HAIR

**HORSEHAIR**—Horsehair as used in brush-making is usually Black, Grey or White. It comes in various degrees of softness and stiffness, which are selected to meet specific job conditions.

**SQUIRREL HAIR**—Squirrel, or Camel Hair, as it is usually called, is the softest hair used in brushes. While very soft it yet has the flexibility necessary to apply colors and light varnishes.

**BADGER HAIR**—Badger hair comes in several grades or qualities, the best being known as "Silver Tip" and "Badger Casings," and a cheaper grade as "Middles." It is identified by its characteristic white tip under which appears a black band. In the highest grades the color of the tip and band are intensified. It is used in flowing varnish brushes for fine finishing work and in brushes especially made for color blending.

**SKUNK HAIR**—Skunk hair has almost the softness of "Camel Hair" when used pure. It is used in certain industrial brushes where its peculiar texture is desired.

**GOAT HAIR**—Goat hair as prepared for brush-making is exceptionally soft and fine, and is used in certain industrial brushes requiring its soft texture.

**RED SABLE**—Red Sable is hair from Kolinsky tails. Kolinsky is the fur of the red Tarter Marten which inhabits Tartary, Southern Siberia and Mongolia. It is used principally in Artists' and Lettering Brushes, and is really the best material for the latter. It has strength, flexibility and is long wearing.

**OX-HAIR**—Ox-Hair is obtained from the ears of bovine cattle, the best grades being had from cattle raised in cold climates. It is used in lettering brushes, and while not as fine or as long wearing as Red Sable it is much less costly.

### HINTS ON THE PROPER CARE OF PAINT AND VARNISH BRUSHES

Brushes intended for the application of paint, varnish, enamel or lacquer **should never be put into water before use** as this is not only injurious to the working properties of the bristles, being one cause of "fingering," but is likely to swell the handle and setting and expand or split the ferrule.

Before putting a brush into use, it should be dipped into the material to be applied and rubbed back and forth several times on a rough board to remove any short or loose bristles not caught in the setting.

When being used continuously, brushes may be allowed to remain in the paint can overnight, but they should be suspended from the edge of the can by means of a wire or nail driven into the handle, and not allowed to rest on their bristles on the bottom of the can.

After use, brushes should be cleaned out thoroughly in a suitable solvent, and put away with the bristles wrapped in brown paper to preserve them from dust and keep them in proper shape for the next job.

For cleaning brushes: Use turpentine or benzine for paint or varnish; methylated spirits for shellac, and lacquer thinner for lacquers.

Brushes should not be kept in a damp nor in a very warm dry place.

Do not use a paint or varnish brush as a duster; use a Painter's Duster, which is made especially for this purpose.

When cleaning, care should be taken that as much of the material as possible is removed from the heel of the brush (the point where the bristles emerge from the ferrule) as, if this is not done, the subsequent hardening of the material in which it has been used cuts down the usable length of bristle and so shortens the life of the brush. It is almost impossible to remove paint or varnish from the heel of a brush completely once it has hardened.

### HINTS ON THE PROPER CARE OF KALSOMINE BRUSHES

A bristle kalsomine brush should never be used in newly slaked lime or strong chemical solutions, nor in hot tar or mixtures used for coating roofs.

After use a kalsomine brush should be thoroughly washed out in clear water and hung up to dry where there is a circulation of air (e.g., not in an unventilated cupboard). While drying, the brush should be hung with the bristles downward.

After washing and drying, if the brush is not to be used again for some time, it should be wrapped in brown paper to preserve the bristles from dust and keep them properly in place.

## FLAT VARNISH OR PAINT BRUSHES



### 1.                      **Brighten Up**

Rubberset. Black bristles. Red handles.  
For Stove Pipes, etc.

No.	Width	Length of Bristles	Per dozen
1	1"	1 7/8"	\$ 1.10
1 1/2	1 1/2"	1 7/8"	1.65
2	2"	1 7/8"	2.20
2 1/2	2 1/2"	2"	2.75

### 2.                      **Handy**

Rubberset. Black bristles. Red and Black handles.  
Of slightly better quality than **Brighten Up**.

No.	Width	Length of Bristles	Per dozen
1	1"	1 7/8"	\$ 1.32
1 1/2	1 1/2"	1-15/16"	1.90
2	2"	1-15/16"	2.25
2 1/2	2 1/2"	2 1/8"	3.35

### 3.                      **Matchless**

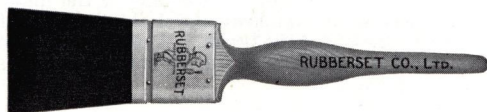
Rubberset. Black bristles. Green, Red and Black handles  
Longer Bristles and heavier than **Handy**.

No.	Width	Length of Bristles	Per dozen
1	1"	2 1/8"	\$ 2.48
1 1/2	1 1/2"	2 1/4"	2.65
2	2"	2 1/4"	3.96
2 1/2	2 1/2"	2 1/4"	5.96
3	3"	2 1/2"	7.44

### 4.                      **Peerless**

Rubberset. Black bristles. Chiselled edge. Silver, Black and Red handles.

No.	Width	Length of Bristles	Per dozen
1	1"	2 1/4"	\$ 2.64
1 1/2	1 1/2"	2 1/2"	3.96
2	2"	2 1/2"	5.94
2 1/2	2 1/2"	2 1/2"	7.92
3	3"	2 3/4"	9.90

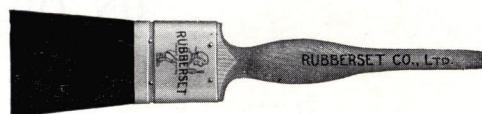


### 5.                      **Ex Ex Dover**

Rubberset. Best Black bristles. Chiselled edge. Varnished handles. A high grade brush.

No.	Width	Length of Bristles	Per dozen
1	1"	2 1/8"	\$ 4.25
1 1/2	1 1/2"	2 1/4"	6.05
2	2"	2 1/2"	9.35
2 1/2	2 1/2"	2 3/4"	13.36
3	3"	3"	21.10

## FLAT VARNISH OR PAINT BRUSHES



### 6.                      **No. 89-2**

Rubberset. Extra long best black bristles. Chiselled edge. Varnished handles.

A handy brush for the Master Painter.  
Suitable for painting window sash.

No.	Width	Length of Bristles	Per dozen
89-2	1 5/8"	3 1/8"	\$17.50



### 7.                      **Ex Ex Tiger**

Rubberset. Best Black bristles. Chiselled edge. Grey handles. A high grade Painter's brush.

No.	Width	Length of Bristles	Per dozen
1	1"	2 1/8"	\$ 4.95
1 1/2	1 1/2"	2 1/2"	7.92
2	2"	2 3/4"	11.55
2 1/2	2 1/2"	2 7/8"	19.80
3	3"	3 1/4"	29.70

### 8.                      **Ex Ex Ex Tiger**

Similar to above but thicker and with longer bristles.

No.	Width	Length of Bristles	Per dozen
1	1"	2 1/2"	\$ 6.60
1 1/2	1 1/2"	2 5/8"	10.90
2	2"	2 7/8"	14.85
2 1/2	2 1/2"	3 1/8"	23.10
3	3"	3 3/8"	39.60

### 9.                      **Master**

Rubberset. Best Black bristles. Chiselled edge. Polished handles with black tip. An extra heavy brush.

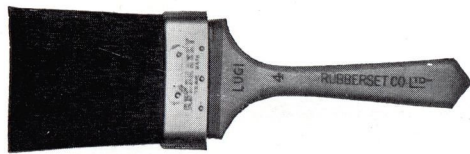
No.	Width	Length of Bristles	Per dozen
1 1/2	1 1/2"	2 7/8"	\$12.38
2	2"	3 1/8"	17.34
2 1/2	2 1/2"	3 3/8"	24.75
3	3"	4"	49.50

Varnish Brushes may also be used in stains or enamels and are usually more suitable than flat paint brushes for applying these.

For Flat Paint Brushes see page 7.

(Length of bristle is the approximate length clear of ferrule.)

## FLAT VARNISH OR PAINT BRUSHES



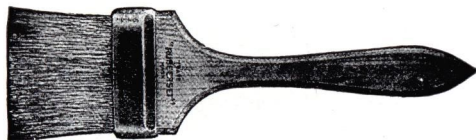
### 10.                      Lugi                              Steel Bound

Rubberset. Best Black bristles. Chiselled edge. Red handles. Also a good paste or glue brush, and is sometimes preferred as a cement brush by leather belting manufacturers, and in rubber factories.

No.	Width	Length of Bristles	Per dozen
1	1 1/8"	2 3/8"	\$ 9.24
2	1 5/8"	2 5/8"	12.37
3	2 1/8"	2 7/8"	21.45
4	2 5/8"	3 1/8"	28.05
5	3 1/8"	3 3/8"	39.60

## HARD RUBBER BOUND FLAT VARNISH, PASTE OR ACID BRUSHES

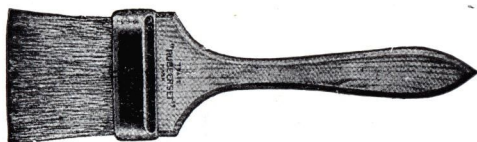
Rubberset, rubber bound brushes are valuable for many purposes, especially for use in liquids that would corrode or destroy metal or leather bindings or ferrules.



### 11.                      No. 51                              Pastry or Grease Brush

Rubberset. Rubber bound. Best White French bristles. Highly polished White handle with rubber binding in Blue enamel. Looks attractive in any kitchen. The only pastry brush of its kind on the market. It can be used in hot grease and washed out in hot water without injury. There is no metal to rust or discolour as in the ordinary brush sold for this purpose. Will outwear many times any ordinary metal bound brush.

No.	Width	Length of Bristles	Per dozen
1	1"	1 5/8"	\$ 7.42
1 1/2	1 1/2"	1 3/4"	8.91
2	2"	1 7/8"	10.90



### 12.                      No. 80

Rubberset. Rubber bound. Best Black bristles. Varnished handles. Also used as a Baker's grease brush or Photographer's paste or acid brush.

No.	Width	Length of Bristles	Per dozen
80-1	1"	1 1/2"	\$ 6.27
80-1 1/2	1 1/2"	1 7/8"	7.26
80-2	2"	2 1/8"	8.91
80-2 1/2	2 1/2"	2 1/4"	12.37
80-3	3"	2 3/8"	14.85

### 13.                      No. 74

Same construction as the 80, but thicker and longer.

No.	Width	Length of Bristles	Per dozen
74-1	1"	1 7/8"	\$ 8.25
74-1 1/2	1 1/2"	2"	11.88
74-2	2"	2 1/4"	13.20
74-2 1/2	2 1/2"	2 3/8"	18.15
74-3	3"	2 5/8"	24.75

## RADIATOR VARNISH OR PAINT BRUSHES



### 14.                      No. 151 1/2 "Rad"

Rubberset. Best Black bristles. Red handles 7" long. A very thin brush for painting radiators.

No.	Width	Length of Bristles	Per dozen
1 1/2	1 1/2"	2 1/4"	\$ 4.96
2	2"	2 1/2"	6.32

## FLAT PAINT BRUSHES



### 15.                      Gray Wall

Rubberset. Mixed Gray hair. Plain handles. A strong cheap brush suitable for shingle stain, whitewash, tar paints, etc. Also used for painting structural steel.

No.	Width	Length of Bristles	Per dozen
4	4"	2 3/4"	\$ 8.40



### 16.                      Brighten Up

Rubberset. Black Chinese bristles. Red handles.

No.	Width	Length of Bristles	Per dozen
3	3"	2-3/16"	\$ 3.30
3 1/2	3 1/2"	2-3/16"	3.85
4	4"	2 1/4"	5.50

### 17.                      Superb

Rubberset. Black Chinese bristles. Red and Black handles. Better quality than **Brighten Up**.

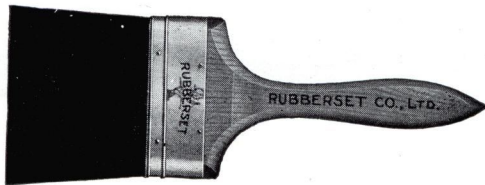
No.	Width	Length of Bristles	Per dozen
3	3"	2 1/4"	\$ 4.95
3 1/2	3 1/2"	2 1/2"	7.42
4	4"	2 1/2"	9.90

### 18.                      Matchless

Rubberset. Black Chinese bristles. Green, Red and Black handles.

No.	Width	Length of Bristles	Per dozen
3	3"	2 1/2"	\$ 7.44
3 1/2	3 1/2"	2 3/4"	9.90
4	4"	3"	14.85
5	5"	3"	17.32

## FLAT PAINT BRUSHES



### 19. Vulcan

Rubberset. Black Chinese bristles. Red handles.

No.	Width	Length of Bristles	Per dozen
3	3"	2 3/4"	\$ 9.90
3 1/2	3 1/2"	3"	12.38
4	4"	3 1/4"	18.48

### 20. Viking

Rubberset. Black Chinese bristles. Hand chiselled edge. Varnished handles.

No.	Width	Length of Bristles	Per dozen
3	3"	3"	\$14.85
3 1/2	3 1/2"	3 1/4"	19.80
4	4"	3 1/2"	27.24
5	5"	3 1/2"	34.65

### 21. Granite

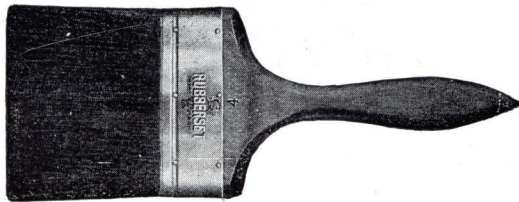
Rubberset. Best quality Black Chinese bristles. Hand chiselled edge. Polished handles with Brown tip.

No.	Width	Length of Bristles	Per dozen
3	3"	3 1/4"	\$22.30
3 1/2	3 1/2"	3 1/2"	29.70
4	4"	3 3/4"	39.60
5	5"	4"	64.35

### 22. Dominion

Rubberset. High quality Black Chinese bristles. Clear varnished handles. Recommended as a cornice brush.

No.	Width	Length of Bristles	Per dozen
3	3"	3 3/8"	\$23.10
3 1/2	3 1/2"	3 5/8"	35.97
4	4"	3 7/8"	52.64



### 23. Bristol

Rubberset. Highest quality Black Chinese bristles. Hand chiselled edge. Polished handles with Black tip.

No.	Width	Length of Bristles	Per dozen
3	3"	3 1/2"	\$27.22
3 1/2	3 1/2"	3 3/4"	44.55
4	4"	4"	59.40

### 24. Deco

Rubberset. Black Chinese bristles. Chiselled edge. Polished handles with Black tip.

No.	Width	Length of Bristles	Per dozen
3	3"	3 3/4"	\$39.60
3 1/2	3 1/2"	4"	54.45
4	4"	4 1/4"	69.30

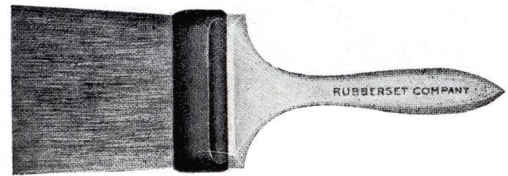
### 25. Master

Rubberset. Highest quality stiff Black Chinese bristles. Hand chiselled edge. Polished handles with Black tip. Non-corrosive ferrules.

No.	Width	Length of Bristles	Per dozen
3	3"	4"	\$49.50
3 1/2	3 1/2"	4 1/4"	66.00
4	4"	4 1/2"	82.50
4 1/2	4 1/2"	4 1/2"	94.05
5	5"	4 1/2"	103.95

## HARD RUBBER BOUND FLAT PAINT BRUSHES

Rubberset, rubber bound brushes are especially recommended for use in liquids that would destroy metal or leather ferrules.



### 26. No. 7

Rubberset. Rubber bound. Best Black bristles. Varnished handles. Also used as a Lithographers' acid brush.

No.	Width	Length of Bristles	Per dozen
7-3	3"	3 1/4"	\$23.05
7-3 1/2	3 1/2"	3 1/2"	37.95
7-4	4"	3 3/4"	54.45

## ACID, PASTE OR BRONZING BRUSHES



### 27. No. 1

Tin handles, 5 inches long.

No.	Material	Width	Length of Hair	Per gross
1	Black Hair	7/16"	7/8"	\$ 4.00

### 28. Nos. 2 and 3

Seamless aluminum handles, 5 inches long.

No.	Material	Width	Length of Hair	Per dozen
2	Black Hair	7/16"	7/8"	\$ 0.50
3	White Hair	7/16"	7/8"	0.60

Can also be supplied to order in Soft Hair, Fibre, etc.

## BRISTLE MARKING BRUSHES



### 29. Round or Flat

White Bristles. Plain Handles.

No.	Diam. of Round	Width of Flat	Per dozen
1	1/8"	3/16"	\$ 1.00
2	5/32"	1/4"	1.10
3	3/16"	5/16"	1.18
4	1/4"	3/8"	1.25
5	5/16"	1/2"	1.50
6	3/4"	1 1/2"	1.65

When ordering please specify if wanted Round or Flat.

## EXTRA BRISTLE ARTISTS' BRUSHES



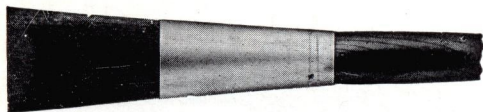
### 30. Round or Flat

White French bristles. Red handles. Same style as bristle marking but of better quality.

No.	Diam. of Round	Width of Flat	Per dozen
1	1/8"	3/16"	\$ 1.85
2	5/32"	1/4"	2.00
3	3/16"	5/16"	2.10
4	1/4"	3/8"	2.30
5	5/16"	1/2"	2.50
6	3/4"	1 1/2"	2.75

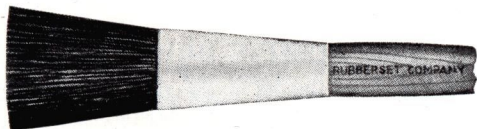
When ordering please specify if Round or Flat wanted.

## BLACK CHISELLED ARTISTS' FITCHES Flat.



31. Extra			
Rubberiset. Best Black Chinese bristles. Chiselled edge.			
No.	Width	Length of Bristles	Per dozen
3/8	3/8"	7/8"	\$ 2.20
1/2	1/2"	1"	2.75
5/8	5/8"	1 1/8"	3.20
3/4	3/4"	1 3/8"	4.15
7/8	7/8"	1 5/8"	4.95
1	1"	1 3/4"	5.60
1 1/4	1 1/4"	1 7/8"	7.15

## WHITE CHISELLED ARTISTS' FITCHES Flat.



32. Super			
Rubberiset. Best White French bristles. Chiselled edge.			
No.	Width	Length of Bristles	Per dozen
1/2	1/2"	1"	\$ 4.00
5/8	5/8"	1 1/8"	4.60
3/4	3/4"	1 1/4"	5.95
7/8	7/8"	1 1/2"	7.00
1	1"	1 5/8"	8.50
1 1/4	1 1/4"	2"	10.50

## BRISTLE TYPEWRITER FITCHES Flat.

33. Best Black Chinese bristles.			
No.	Width	Length of Bristles	Per dozen
104	5/8"	1 3/8"	\$ 1.20
103	3/4"	1 1/2"	1.50

## TYPEWRITER BRUSHES Twisted-in-wire



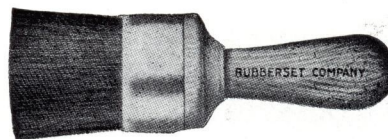
34. Twisted wire handle. Rubber tip on brush end.				
No.	Material	Length of Brush Part	Length Overall	Per dozen
1057-M	Black Bristle	4 1/4"	12 3/4"	\$1.60

## SLANTED ARTISTS' FITCHES OR FRESCO LINERS



35. No. 6360			
Slanted edge. White French bristles. Nickelled ferrules. Polished handles.			
No.	Width		Per dozen
1/2	1/2"		\$ 5.20
5/8	5/8"		6.00
3/4	3/4"		6.90
7/8	7/8"		7.70
1	1"		10.35

## ROUND STENCIL BRUSHES



36. Peko			
Rubberiset. Best Black Chinese bristles. Seamless nickelled steel ferrules. Varnished handles.			
No.	Diameter	Length of Bristles	Per dozen
40	7/8"	1 1/4"	\$ 6.70
60	1 1/8"	1 3/8"	7.88
80	1 1/4"	1 3/8"	8.92
100	1 3/8"	1 1/2"	10.02
200	1 1/2"	1 5/8"	11.15
300	1 5/8"	1 7/8"	13.38
500	2"	2"	18.59
700	2 3/8"	2 3/8"	23.81

## SASH TOOL BRUSHES



37. Crescent			
Rubberiset. Best Black Chinese bristles. Chiselled edge. Red handles.			
No.	Diameter	Length of Bristles	Per dozen
1	1/2"	1 5/8"	\$ 1.98
2	5/8"	1 5/8"	2.48
4	3/4"	1 3/4"	2.98
6	1 1/8"	2"	3.96
8	1 1/8"	2 1/4"	5.94
10	1 1/4"	2 1/2"	7.42
12	1 1/2"	2 3/4"	13.36

38. Super  
Rubberiset. Best Black Chinese bristles. Chiselled edge. Black handles.  
These brushes are of much better quality than **Crescent**, and with strong seamless nickelled steel ferrules.  
A brush the master painter will appreciate.

No.	Diameter	Length of Bristles	Per dozen
1	1/2"	1 1/4"	\$ 3.30
2	5/8"	1 3/8"	3.68
3	3/4"	1 1/2"	4.58
4	1 1/8"	1 5/8"	5.32
5	1 1/4"	1 3/4"	6.77
6	1 1/2"	1 7/8"	8.91
7	1"	2"	9.90
8	1 1/8"	2 1/8"	12.38
10	1 1/4"	2 3/8"	18.15
12	1 1/2"	2 5/8"	22.27

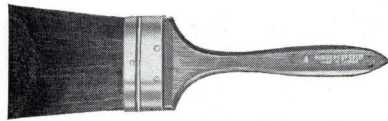
## HARD RUBBER BOUND SASH TOOL BRUSHES



Mainly used as a Bakers' grease or Printers' and Rulers' inking brush. The hard rubber ferrule will withstand acid.

39. BLACK BRISTLES			
No.	Diameter	Length of Bristles	Per dozen
42 B-1	1/2"	1 1/8"	\$ 6.60
42 B-3	3/4"	2 5/8"	9.90
42 B-5	1"	2 5/8"	14.85
42 B-7	1 1/4"	3"	24.75
40. WHITE BRISTLES			
No.	Diameter	Length of Bristles	Per dozen
42 W-1	1/2"	1 5/8"	\$ 8.00
42 W-3	3/4"	2 1/2"	11.88
42 W-5	1"	2 5/8"	17.82
42 W-7	1 1/4"	2 7/8"	29.70

## OVAL VARNISH OR PAINT BRUSHES

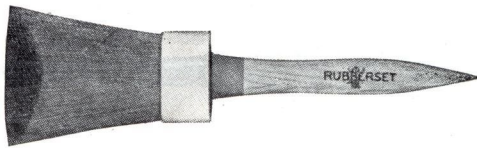


### 41. Master

Rubberset. Selected Chinese bristles, solid centers, with carefully chiselled edge. Nickel plated seamless steel ferrules. Black polished beaver-tail handles. Half oval shape.

No.	Diameter	Length of Bristles	Per dozen
55	1 5/8"	2 1/8"	\$ 7.42
60	1 3/4"	2 1/4"	9.24
65	1 3/4"	2 1/2"	9.90
75	1 7/8"	2 3/4"	14.85
85	2 1/8"	3"	19.80

## OVAL VARNISH OR PAINT BRUSHES

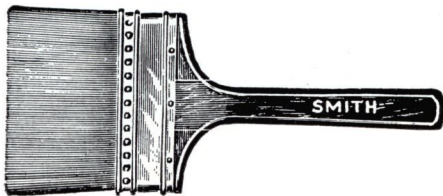


### 42. Master

Rubberset. Selected Chinese bristles, solid center, with carefully chiselled edge. Nickel plated seamless steel ferrules. Black polished beaver-tail handles. Full oval shape.

No.	Diameter	Length of Bristles	Per dozen
95	2 1/8"	3 1/4"	\$24.75
100	2 1/8"	3 1/2"	29.70
105	2 3/8"	3 3/4"	39.60
110	2 1/4"	4"	54.45
115	2 5/8"	4 1/4"	69.30
120	2 3/8"	4 1/2"	89.10
125	2 3/8"	4 3/4"	108.90

## WHITEWASH BRUSHES



### 43. Polar

White Tampico Fibre, metal bound, Plain handles.

No.	Width	Length of Fibre	Per dozen
7	7"	2 3/4"	\$ 2.75

### 44. Kracker

White Tampico Fibre, metal bound. Varnished handles.

No.	Width	Length of Fibre	Per dozen
6	6"	2 7/8"	\$ 3.20
7	7"	2 7/8"	3.50
8	8"	2 7/8"	4.00

### 45. Panco

White Tampico Fibre, metal bound. Varnished handles.

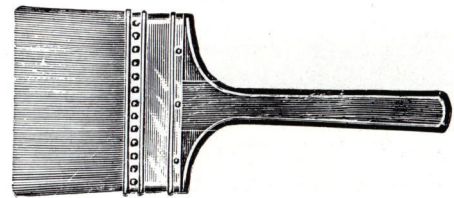
No.	Width	Length of Fibre	Per dozen
7	7"	3 1/8"	\$ 5.86

### 46. Pyrex

White mixture, metal bound. Red handles.

No.	Width	Length of Material	Per dozen
7	7"	3 1/2"	\$ 6.60

## WHITEWASH OR KALSOMINE BRUSHES



### 47. Emperor and Monarch

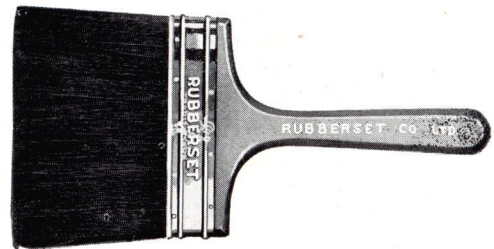
Rubberset. Extra White mixed center. White bristles outside. Varnished handles.

For general factory or mill use. Recommended for whitewashing brick or cement walls.

No.	Width	Length of Material	Per dozen
<b>EMPEROR</b>			
7	7"	3 3/8"	\$13.20
<b>MONARCH</b>			
7	7"	3 3/4"	\$16.88

## KALSOMINE BRUSHES

Pure bristle brushes should never be used in whitewash containing lime, as this destroys the bristles.



### 48. Superb

Rubberset. Pure Black Chinese bristles. Nickel steel ferrules. Red and Black handles.

No.	Width	Length of Bristles	Per dozen
6	6"	2 3/4"	\$17.32
7	7"	3"	24.75

### 49. Matchless

Rubberset. Best Black Chinese bristles. Nickel steel ferrules. Green, Red and Black handles.

No.	Width	Length of Bristles	Per dozen
6	6"	3"	\$19.80
7	7"	3 1/4"	37.12

### 50. Peerless

Rubberset. Best Black Chinese bristles. Nickel steel ferrules. Silver, Red and Black handles.

No.	Width	Length of Bristles	Per dozen
6	6"	3 1/4"	\$32.17
7	7"	3 3/4"	54.45

### 51. Save-All

Rubberset. Best Black Chinese bristles. Nickel steel ferrules. Silver and Black handles.

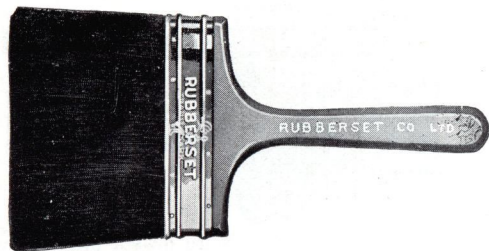
No.	Width	Length of Bristles	Per dozen
6	6"	3 3/4"	\$54.45
7	7"	4"	74.25

### 52. Wearwell

Rubberset. High quality Black Chinese bristles. Nickel steel ferrules. Varnished handles with Brown tip.

No.	Width	Length of Bristles	Per dozen
6	6"	4"	\$74.25
7	7"	4 1/4"	89.10

## KALSOMINE BRUSHES



**53. Service**  
Rubberset. Highest quality Black Chinese bristles. Nickel steel non-corrosive ferrules. Varnished handles with Black tip.

No.	Width	Length of Bristles	Per dozen
7	7"	4 3/4"	\$123.75

**54. Master**  
Rubberset. Highest quality stiff Black Chinese bristles. Nickel steel non-corrosive ferrules. Polished handles with Black tip.

No.	Width	Length of Bristles	Per dozen
7	7"	5"	\$143.55

**55. Coronet**  
Rubberset. Best selected Black Chinese bristles. Extra long and heavy, nickel steel non-corrosive ferrules. Polished handles with Black tip.

No.	Width	Length of Bristles	Per dozen
7	7"	5 1/4"	\$163.35

## DUTCH KALSOMINE BRUSHES

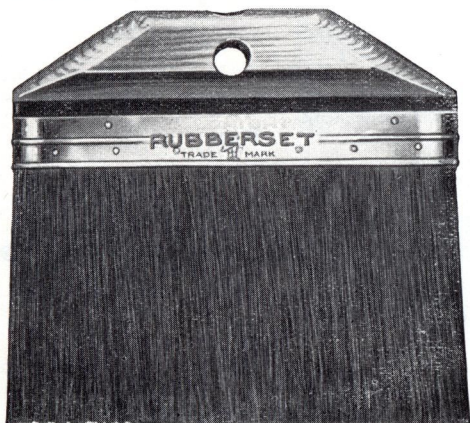
No. 80—Dutch



**56.**  
Rubberset. Made of high quality Gray Russian bristles. Nickel steel ferrules. Polished hardwood handles.

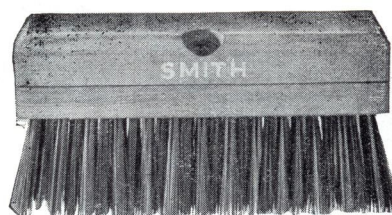
No.	Size of Block	Length of Bristles	Per dozen
6	3" x 7 1/2"	5"	\$173.25
10	3" x 7 1/2"	5 1/2"	217.80

## PAINT OR WHITEWASH HEADS



**57.**  
The wood block in this type of brush has two handle holes, the brush being used on a long pole or handle.  
Any Kalsomine brush listed on pages 10 or 11 can be supplied with the above style block at \$2.50 per dozen list extra.  
For prices of long poles and handles, see pages 21 and 22.

## FLAT TAR BRUSHES OR HEADS



**58. No. 16**  
Handles extra, Gray fibre. Hardwood blocks.

No.	Size of Block	Length of Fibre	Per dozen
16	3" x 8 3/4"	3"	\$ 8.40

Handles 1 1/8" diameter, 54" long, \$1.50 per dozen.

## TAR BRUSHES OR HEADS

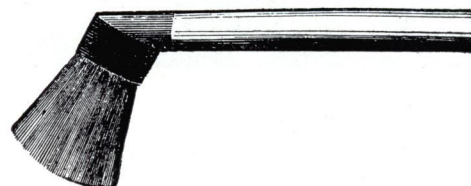


**59.**  
Gray fibre. Staple fastened in solid blocks. Handles extra.

No.	Width	Length of Fibre	Per dozen
2 Knot	4"	2 3/4"	\$ 3.67
3 Knot	6 1/2"	2 3/4"	4.95
4 Knot	8"	2 3/4"	6.60

Handles 1 1/8" diameter, 54" long, \$1.50 per dozen.

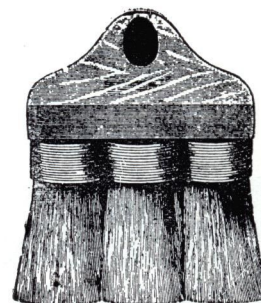
## LONG HANDLED TAR BRUSHES



**60.**  
Gray fibre. Handles 48" long.

No.	Diameter	Length of Fibre	Per dozen
1 Knot	1 3/4"	2 3/4"	\$ 4.77

## TAR BRUSHES OR HEADS

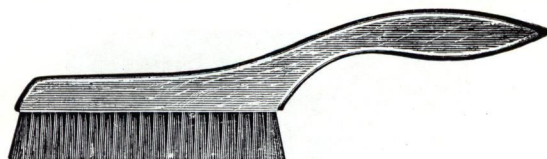


**61.**  
Gray fibre, wire wound. Handles extra. Best quality.

No.	Width	Length of Fibre	Per dozen
2 Knot	4"	2 3/4"	\$ 7.20
3 Knot	6 1/2"	2 3/4"	10.50
4 Knot	8"	2 3/4"	14.00

Handles 1 1/8" diameter, 54" long, \$1.50 per dozen.

## SEAMING OR CAULKING BRUSHES



62. **Nos. 5 or 15**

Wire drawn, brush part 5 inches long.

No.	Material	Length of Material	Per dozen
5	Gray fibre	$\frac{7}{8}$ "	\$ 2.40
15	Black bristle	$\frac{7}{8}$ "	9.00

## PAPERHANGERS' SMOOTHING BRUSHES



63. **Hardpan**

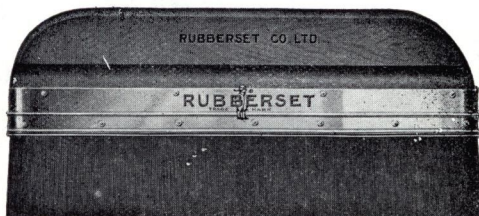
White fibre. Staple fastened.

No.	Width	Per dozen
10	10"	\$ 2.38
12	12"	3.12

64. **Hoosac**

Gray hair. Staple fastened.

No.	Width	Per dozen
10	10"	\$ 5.86
12	12"	7.40



65. **Peko**

Rubberset. Black Chinese bristles. Non-corrosive bands. Red handles.

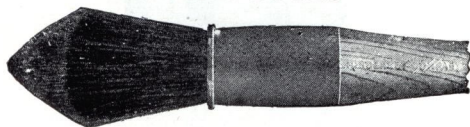
No.	Width	Length of Bristles	Per dozen
8	8"	$2\frac{1}{8}$ "	\$ 9.90
10	10"	$1\frac{7}{8}$ "	14.35
12	12"	$1\frac{7}{8}$ "	16.84

66. **Nogi and Yale**

Rubberset. Best Black Chinese bristles. Non-corrosive bands. Polished handles.

No.	Width	Length of Bristles	Per dozen
<b>NOGI</b>			
10	10"	$2\frac{3}{8}$ "	\$22.44
12	12"	$2\frac{3}{8}$ "	26.40
<b>YALE</b>			
10	10"	$2\frac{5}{8}$ "	32.67
12	12"	$2\frac{5}{8}$ "	38.10

## WATER TOOLS



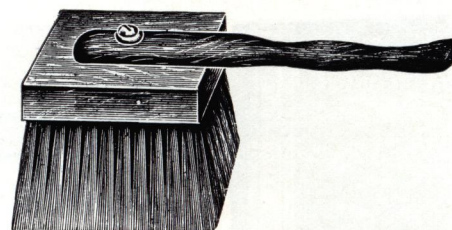
67. **Passaic**

Pointed shape. Rubberset. Extra stiff Gray India bristles. Seamless nickelled ferrules.

Can be used in water or gasoline. A handy brush for cleaning around gears and other parts of gas engines.

No.	Diam. at Ferrule	Length of Bristles	Per dozen
2	$1\frac{1}{8}$ "	3"	\$13.86

## HANDLED WALL STIPLERS



68.

Best Gray Russian bristles. Wire drawn into non-warping "Celoron" face.

No.	Size of Block	Length of Bristles	Per dozen
5x5	5" x 5"	$2\frac{5}{8}$ "	\$ 82.50
6x6	6" x 6"	$2\frac{5}{8}$ "	103.00

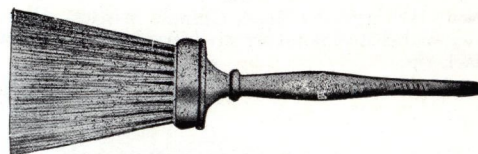
69. **OBLONG WALL STIPLERS**

Best Gray Russian bristles. Wire drawn into non-warping "Celoron" face. No handles.

No.	Size of Block	Length of Bristles	Per dozen
$3\frac{1}{2}$ x $7\frac{1}{2}$	$3\frac{1}{2}$ " x $7\frac{1}{2}$ "	$2\frac{5}{8}$ "	\$82.50

## PAINTERS' DUSTERS

Round



70.

Gray Tampico fibre. Brass wire drawn.

No.	Diameter	Length of Fibre	Per dozen
2	$2\frac{1}{4}$ "	$3\frac{1}{2}$ "	\$ 7.50

71. Gray mixed hair and fibre.

No.	Diameter	Length of Hair	Per dozen
3	$2\frac{1}{4}$ "	$3\frac{1}{2}$ "	\$ 8.00
4	$2\frac{1}{2}$ "	$3\frac{1}{2}$ "	9.50

72. Gray mixed hair center.

No.	Diameter	Length of Hair	Per dozen
5	$2\frac{1}{4}$ "	$3\frac{1}{2}$ "	\$14.20
6	$2\frac{1}{2}$ "	$3\frac{1}{2}$ "	15.50

73. Gray Russian bristles.

No.	Diameter	Length of Bristles	Per dozen
8	$2\frac{1}{4}$ "	$3\frac{1}{2}$ "	\$23.50
10	$2\frac{1}{2}$ "	$3\frac{1}{2}$ "	27.00
12	$2\frac{1}{2}$ "	$3\frac{3}{4}$ "	33.00

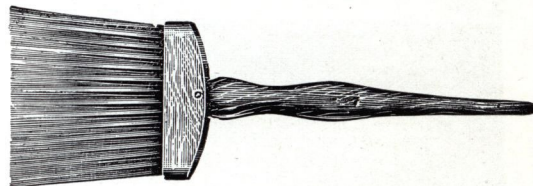
74. **Cement Set**

Fine soft Black Chinese bristles.

No.	Diameter	Length of Bristles	Per dozen
16	$2\frac{1}{2}$ "	$3\frac{3}{4}$ "	\$30.00

Cement set brushes should not be used where they are likely to come in contact with oil, benzine or turpentine as these would loosen the setting.

Flat



75.

No. 18

Gray Russian bristles. Brass wire drawn.

No.	Width	Length of Bristles	Per dozen
18-3	3"	$3\frac{1}{4}$ "	\$15.00
18- $3\frac{1}{2}$	$3\frac{1}{2}$ "	$3\frac{1}{4}$ "	17.40
18-4	4"	$3\frac{1}{2}$ "	24.00

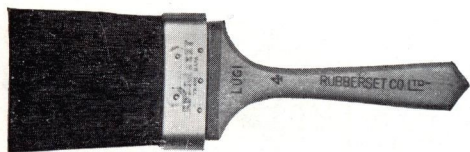
76.

Oval

Best Black Chinese bristles. Wire drawn.

No.	Width	Length of Bristles	Per dozen
20	$3\frac{1}{2}$ "	$3\frac{1}{2}$ "	\$27.00

## FLAT GLUE BRUSHES



**77. Atlas**  
 Rubberset. Best Black Chinese bristles. Nickelled steel ferrules. Varnished handles.  
 This line is also an excellent paste brush.

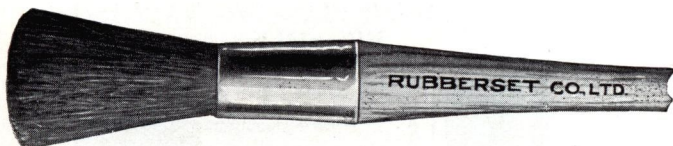
No.	Width	Length of Bristles	Per dozen
1 1/4	1 1/8"	2"	\$ 7.70
1 3/4	1 5/8"	2 3/8"	9.35
2 1/4	2 1/8"	2 1/4"	11.55
2 3/4	2 5/8"	2 1/2"	13.92



**78. Rex**  
 Best Gray Russian bristles. Brass ferrules. Polished handles. For general box and label glueing or pasting. Can be used in silicate of soda.

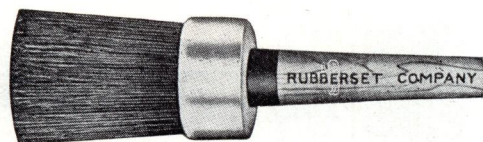
No.	Width	Length of Bristles	Per dozen
2 1/2	2 1/2"	2 1/2"	\$13.50
3	3"	2 3/4"	17.00
3 1/2	3 1/2"	3"	21.95
4	4"	3 1/4"	32.05
5	5"	3 3/4"	59.00

## ROUND GLUE BRUSHES



**79. Atlas**  
 Rubberset. Best Black Chinese bristles. Seamless nickelled steel ferrules. Varnished handles.

No.	Diameter	Length of Bristles	Per dozen
5	9/16"	1 7/8"	\$ 4.05
10	5/8"	1 7/8"	4.58
20	7/8"	2"	6.98
40	1"	2 1/8"	7.98
60	1 1/8"	2 1/8"	9.72
80	1 1/4"	2 1/2"	12.25
100	1 3/8"	2 1/2"	15.84
200	1 1/2"	2 7/8"	20.62



**80. Ajax**  
 Rubberset. Best Gray Russian bristles. Seamless copper ferrules. Varnished handles.

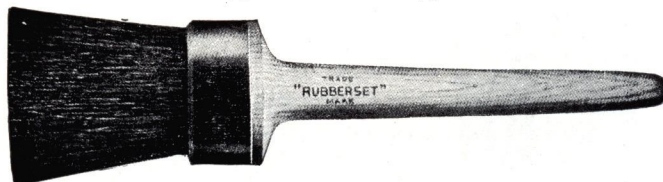
No.	Diameter	Length of Bristles	Per dozen
1	1 1/4"	2 1/2"	\$14.85
2	1 1/2"	2 5/8"	17.16
3	1 3/4"	2 3/4"	21.45
4	2"	3"	31.35
5	2 1/4"	3"	39.60
6	2 1/2"	3 3/8"	54.45

## HARD RUBBER BOUND ROUND GLUE OR PASTE BRUSHES



**81. No. 44**  
 Rubberset. Hard rubber bound. Gray Russian bristles. Varnished handles.

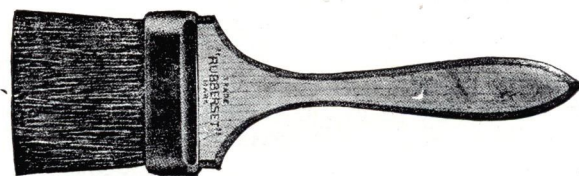
No.	Diameter	Length of Bristles	Per dozen
44-10	1 1/2"	1 7/8"	\$ 7.92
44-30	3/4"	2 3/8"	9.90
44-50	1"	2 3/8"	14.85
44-70	1 1/4"	2 7/8"	24.75



**82. No. 46**  
 Rubberset. Hard rubber bound. Gray Russian bristles. Varnished handles. For Bookbinders, Paper Box, Furniture, Piano and Casket Manufacturers.

No.	Diameter	Length of Bristles	Per dozen
46-2	1 1/2"	2 3/4"	\$21.45
46-4	2"	3"	33.00
46-6	2 1/2"	3 1/4"	62.70

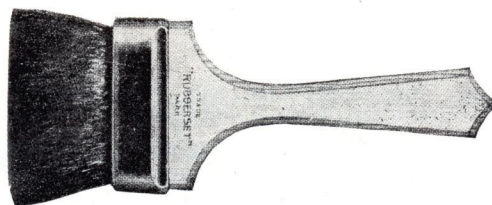
## HARD RUBBER BOUND FLAT GLUE OR PASTE BRUSHES



**83. No. 45**  
 Rubberset. Hard rubber bound. Gray Russian bristles. Varnished handles.

No.	Width	Length of Bristles	Per dozen
45-3	3"	2 3/4"	\$23.10
45-3 1/2	3 1/2"	3"	29.70
45-4	4"	3 3/4"	37.95
45-5	5"	3 1/2"	57.75

## HARD RUBBER BOUND CAMEL HAIR COLOUR BRUSHES



**84. No. 68**  
 Rubberset. Hard rubber bound. Finest camel hair. Varnished handles. Useful as a Photographers' Duster.

No.	Width	Length of Hair	Per dozen
68-1	1"	1 1/8"	\$ 9.75
68-1 1/2	1 1/2"	1 1/4"	11.88
68-2	2"	1 1/4"	15.84
68-2 1/2	2 1/2"	1 1/2"	18.22
68-3	3"	1 9/16"	24.75
68-3 1/2	3 1/2"	1 5/8"	33.00
68-4	4"	1 3/4"	44.55
68-5	5"	2"	69.30

## HARD RUBBER BOUND CAMEL HAIR LITHOGRAPHERS' ETCHING BRUSHES



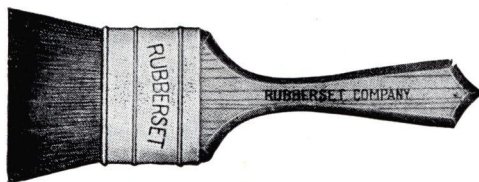
**85. No. 70**  
Rubberset. Hard rubber bound. Finest Camel hair. Varnished handles.

No.	Width	Length of Hair	Per dozen
70-4	4"	1 3/4"	\$33.00
70-6	6"	2"	66.00
70-8	8"	2 1/8"	89.10

**86. No. 71**  
Same as above except made of blended Badger hair.

No.	Width	Length of Hair	Per dozen
71-4	4"	1 7/8"	\$26.40
71-6	6"	2 1/8"	40.35
71-8	8"	2 3/8"	74.25

## FLAT CAMEL HAIR MOTTLING AND COLOUR BRUSHES



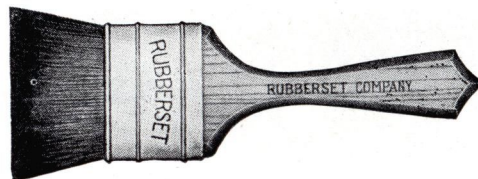
**87. No. 240 & 241**  
**THIN**  
Rubberset. Best quality Camel hair. Nickel bound.

No.	Width	Length of Hair	Per dozen
240-1	1"	1"	\$ 6.00
240-1 1/2	1 1/2"	1 1/8"	8.25
240-2	2"	1 1/8"	11.44
240-2 1/2	2 1/2"	1 1/4"	13.25
240-3	3"	1 3/8"	17.60

**88. SINGLE THICK**  
Rubberset. Best quality Camel hair. Brass bound.

No.	Width	Length of Hair	Per dozen
241-1/2	1 1/2"	7/8"	\$ 6.93
241-1	1"	1 1/8"	8.36
241-1 1/2	1 1/2"	1 1/8"	10.98
241-2	2"	1 1/4"	14.68
241-2 1/2	2 1/2"	1 3/8"	18.48
241-3	3"	1 1/2"	23.76

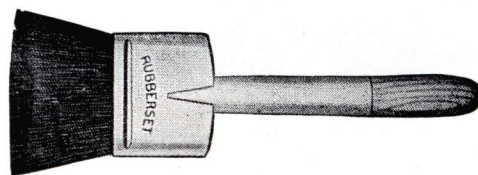
## OX HAIR COLOUR BRUSHES



**89. No. 1229**  
Rubberset. Best quality Ox hair. Nickelled ferrules. For applying lacquer, colours or light varnishes.

No.	Width	Length of Hair	Per dozen
1229-1	1"	1 3/8"	\$14.48
1229-1 1/2	1 1/2"	1 1/2"	17.97
1229-2	2"	1 5/8"	20.35
1229-2 1/2	2 1/2"	1 7/8"	26.95

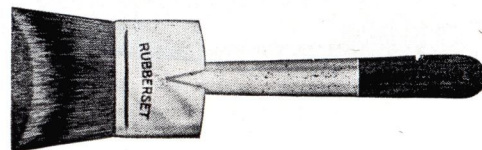
## FITCH FLOWING VARNISH BRUSHES



**90. No. 213**  
**DOUBLE THICK**  
Rubberset. Chiselled edge. Best quality Fitch hair. Capped style, nickelled ferrules.  
For varnishes, oil stain or shellac.

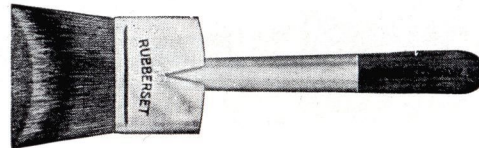
No.	Width	Length of Hair	Per dozen
213-1	1"	1 1/2"	\$ 9.90
213-1 1/2	1 1/2"	1 3/8"	12.54
213-2	2"	1 3/4"	15.67
213-2 1/2	2 1/2"	1 7/8"	18.97
213-3	3"	2"	25.05

## BADGER HAIR FLOWING VARNISH BRUSHES



**91. No. 220**  
**SINGLE THICK**  
Rubberset. Chiselled edge. Pure Badger hair casing. Extra mixed Badger hair middle. Capped style, nickelled ferrules.

No.	Width	Length of Hair	Per dozen
220-1	1"	1 1/4"	\$13.97
220-1 1/2	1 1/2"	1 1/2"	17.98
220-2	2"	1 5/8"	21.55
220-2 1/2	2 1/2"	1 3/4"	27.22
220-3	3"	1 7/8"	38.12



**92. No. 225**  
Rubberset. Chiselled edge. Selected Badger hair. Capped style, nickelled ferrules.

No.	Width	Length of Hair	Per dozen
225-1	1"	1 3/8"	\$26.24
225-1 1/2	1 1/2"	1 9/16"	35.92
225-2	2"	1 11/16"	52.70
225-2 1/2	2 1/2"	1 13/16"	59.90
225-3	3"	1 15/16"	79.04

## ROUND CAMEL HAIR ARTISTS' BRUSHES



Illustration about actual size

93.

Pointed end. Nickelled ferrule. Dark Red handles.

No.	Diameter at Ferrule	Per dozen
2	$\frac{3}{32}$ "	\$ 1.00
4	$\frac{1}{8}$ "	1.32
6	$\frac{5}{32}$ "	1.65
7	$\frac{3}{16}$ "	2.00
8	$\frac{7}{32}$ "	2.50
9	$\frac{1}{4}$ "	3.10

## RED SABLE ARTISTS' BRUSHES



Illustration about actual size.

94.

Pointed end. Selected hair. Nickelled ferrules. Red handles.

No.	Diameter at Ferrule	Per dozen
1	$\frac{1}{16}$ "	\$ 2.10
2	$\frac{3}{32}$ "	2.40
4	$\frac{1}{8}$ "	3.85
6	$\frac{3}{16}$ "	7.50

## ROUND CAMEL HAIR LACQUERING BRUSHES



Illustration about actual size.

95.

Pointed end. Nickelled ferrules. Black handles. Larger than Camel hair Artists' brushes. Used for lettering or marking structural steel and for touch-up work.

No.	Diameter at Ferrule	Per dozen
1	$\frac{3}{16}$ "	\$ 1.35
2	$\frac{1}{4}$ "	1.60
3	$\frac{1}{2}$ "	2.00
4	$\frac{3}{4}$ "	2.25
5	$\frac{5}{8}$ "	3.00

## FLAT CAMEL HAIR LACQUERING BRUSHES

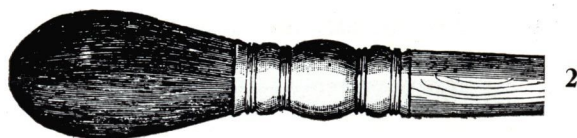


96.

Nickelled ferrules. Red handles.

No.	Width	Per dozen
$\frac{3}{8}$	$\frac{3}{8}$ "	\$ 1.88
$\frac{1}{2}$	$\frac{1}{2}$ "	2.48
$\frac{5}{8}$	$\frac{5}{8}$ "	3.45
$\frac{3}{4}$	$\frac{3}{4}$ "	4.58
$\frac{7}{8}$	$\frac{7}{8}$ "	6.09
1	1"	7.22

## CAMEL HAIR MOPS OR DUSTERS



2

97.

Pointed end. Quill ferrules. White wood handles.

No.	Diameter at Ferrule	Length of Hair	Per dozen
2	$\frac{3}{8}$ "	$1\frac{1}{4}$ "	\$ 4.80
4	$\frac{1}{2}$ "	$1\frac{3}{8}$ "	6.60
6	$\frac{5}{8}$ "	$1\frac{5}{8}$ "	9.60
8	$\frac{3}{4}$ "	$1\frac{3}{4}$ "	13.20
10	$\frac{7}{8}$ "	$1\frac{7}{8}$ "	16.80
12	$1\frac{1}{8}$ "	2"	27.00

## CAMEL HAIR PENCILS IN QUILLS



6



4



2

98.

Pointed end. Illustrations about actual size. Quill handles.

No.	Length of Hair	Per gross
1	$\frac{3}{8}$ "	\$ 4.50
2	$\frac{1}{2}$ "	4.84
3	$\frac{5}{8}$ "	6.16
4	$\frac{3}{4}$ "	6.82
5	$\frac{7}{8}$ "	7.70
6	1"	9.12
7	$1\frac{1}{8}$ "	10.34
8	$1\frac{1}{4}$ "	11.12

## FRENCH CAMEL HAIR LETTERING BRUSHES IN QUILLS



8

Illustration about actual size.

99.

No. 201-G

Square end. Quill handles.

No.	Length of Hair	Per dozen
2	$\frac{3}{4}$ "	\$ 1.76
4	$\frac{7}{8}$ "	2.30
6	1"	3.08
8	$1\frac{1}{4}$ "	3.85
10	$1\frac{5}{8}$ "	5.17

## RED SABLE SHOW CARD BRUSHES



6



4

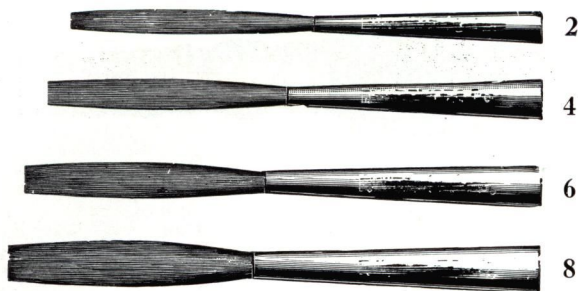
100.

Illustrations about actual size.

Square end. Selected hair. Seamless Chromium ferrules. Wood handles. Showcard brushes have shorter hair than Lettering brushes.

No.	Length of Hair	Per dozen
2	$\frac{11}{16}$ "	\$ 2.97
4	$\frac{13}{16}$ "	3.75
6	$\frac{15}{16}$ "	5.60
8	1"	8.02
10	$1\frac{1}{8}$ "	11.44
12	$1\frac{3}{8}$ "	15.40

## OX HAIR LETTERING BRUSHES



101. Illustrations are about actual size.

Square end. Selected hair. Seamless nickelled ferrules. Wood handles.

No.	Length of Hair	Per dozen
2	1 1/8"	\$ 2.85
4	1 3/8"	3.30
6	1 1/2"	4.40
8	1 5/8"	5.95
10	1 3/4"	8.60
12	1 7/8"	12.00

## 102. RED SABLE LETTERING BRUSHES

Square end. Selected hair. Seamless chromium ferrules. Wood handles.

No.	Length of Hair	Per dozen
1	1 1/8"	\$ 4.30
2	1 3/8"	5.20
3	1 1/2"	6.05
4	1 5/8"	7.70
5	1 3/4"	10.35
6	1 7/8"	12.00
7	1 7/8"	14.50
8	1 7/8"	19.80
9	1 7/8"	22.30
10	1 7/8"	26.60
12	1 7/8"	38.60

## 103. RED SABLE HIGH LINERS

Square end. Extra selected hair. Nickelled ferrules. Wooden handles.

No.	Length of Hair	Per dozen
1	1 1/8"	\$ 5.20
2	1 3/8"	5.95
3	1 1/2"	7.70
4	1 5/8"	9.45
5	1 3/4"	12.85
6	1 7/8"	14.50

## CAMEL HAIR STRIPING BRUSHES IN QUILLS



104. Illustrations are about actual size.

Square end. Selected hair. Quill handles.

No.	Length of Hair	Per dozen
1	2"	\$ 1.85
2	2"	2.30
4	2"	2.85
6	2"	3.85
8	2"	5.50

## CAMEL HAIR SWORD STRIPERS



105.

Wire bound. Wood handles.

No.	Width	Per dozen
0	1/4"	\$ 5.10
1	1/6"	5.40
2	1/6"	5.75
3	1/2"	6.05
4	1/6"	6.25

## BLACK SABLE "ONE-STROKE" BRUSHES



106.

Selected Hair. Nickelled ferrules. Polished handles.

No.	Width	Length of Hair	Per dozen
1/2	1 1/2"	1 1/8"	\$ 7.70
5/8	1 1/2"	1"	10.35
3/4	1 1/2"	1 1/8"	12.85
7/8	1 1/2"	1 1/8"	16.70
1	1"	1 3/8"	20.00

## OX HAIR "ONE-STROKE" BRUSHES

107.

Selected hair. Seamless nickelled ferrules. Polished handles. Specially adapted for muslin and banner work.

No.	Width	Length of Hair	Per dozen
1/2	1 1/2"	1"	\$ 5.20
5/8	1 1/2"	1 1/8"	6.80
3/4	1 1/2"	1 1/4"	8.60
7/8	1 1/2"	1 5/8"	11.10
1	1"	1 3/8"	13.75

## OX HAIR SIGN PAINTERS' BRUSHES

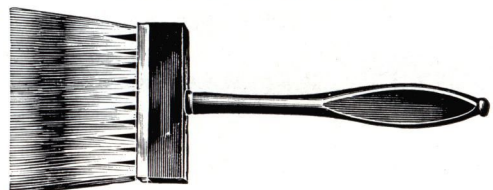


108.

Chiselled edge. Nickelled ferrules. Red polished handles.

No.	Width	Length of Hair	Per dozen
1/4	1/4"	3/4"	\$ 5.50
3/8	3/8"	1 1/8"	6.15
1/2	1/2"	1 1/8"	7.15
3/4	3/4"	1 1/8"	10.80
1	1"	1 3/8"	14.30

## BADGER BLENDERS

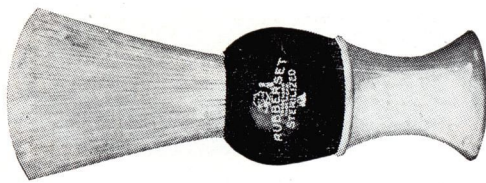


109.

Wire drawn into French Ivory face. Polished handles.

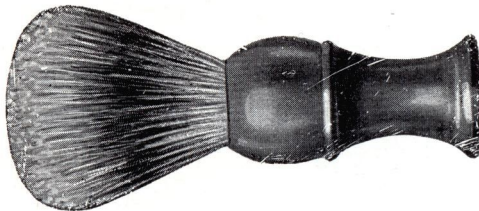
No.	Width	Length of Hair	Per dozen
3	3"	2 1/2"	Prices on Application
3 1/2	3 1/2"	2 3/4"	
4	4"	3"	
4 1/2	4 1/2"	3"	

SHAVING BRUSHES



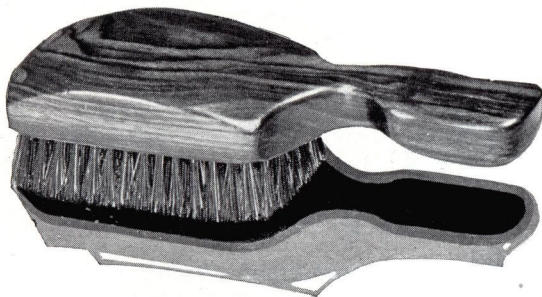
110.  
Rubberset. Pure White bristles.  
No. B7  
Per dozen \$9.90

SHAVING BRUSHES



111.  
Rubberset. Pure Badger hair. Soft.  
No. Size Per dozen  
B10 Small \$19.80  
B14 Medium 29.70  
B15 Large 39.60

HAIR BRUSHES



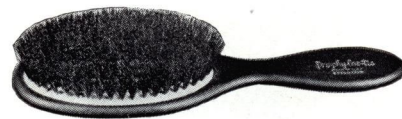
112.  
Stiff Gray bristles. Short handle. Solid ebony backs.  
No. Length of Bristles Per dozen  
6405  $\frac{3}{4}$ " \$19.25  
6406 Extra Quality  $\frac{3}{4}$ " 24.00

"PRO-PHY-LAC-TIC" HAIR BRUSHES



113.  
Genuine walnut backs. Chemically treated—will not warp, crack or split. An ideal brush for Club use.  
No. Per dozen  
105 \$21.00

"PRO-PHY-LAC-TIC" HAIR BRUSHES



114.  
Genuine walnut back. Chemically treated—will not warp, crack or split.  
No. Per dozen  
500 \$27.00

BATH BRUSHES



115.  
No. Material Per dozen  
6391 White and Black mixed hair, solid handle. \$ 7.50  
6296 White bristles, stiff, detachable handle. 25.00

NAIL BRUSHES



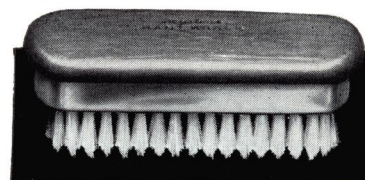
116.  
No. Material Size of Block Per dozen  
0 White fibre  $1\frac{3}{8}$ " x  $4\frac{1}{2}$ " \$ 0.72  
2 White fibre  $1\frac{5}{8}$ " x 5" 1.20  
2081 Union fibre 2" x  $5\frac{3}{4}$ " 2.40  
6350 Pure Black bristle  $1\frac{1}{2}$ " x  $4\frac{1}{2}$ " 5.25

NAIL BRUSHES



117.  
Polished blocks.  
No. Material Size of Block Per dozen  
796 White fibre 2" x 5" \$ 1.50

NAIL BRUSHES



118.  
"Kant-Krack"  
Patent aluminum face. Prevents warping or cracking of the back.  
No. Material Size of Block Per dozen  
6630 Black bristle  $1\frac{1}{2}$ " x  $3\frac{3}{4}$ " \$10.25  
\*6632 Stiff Black bristle  $1\frac{1}{2}$ " x  $3\frac{3}{4}$ " 19.25  
\*Tufted, as illustrated

## "PRO-PHY-LAC-TIC" NAIL BRUSHES



119.

No. 400

No. Material  
400 Pure Black bristle

Per  
dozen  
\$19.20

## NAIL BRUSHES

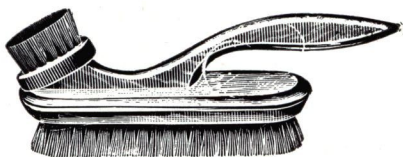


120.

Black bristles. Set in non-warping "Celoron" face. Very highest quality.

No.	Material	Size of Block	Per dozen
44	Stiff pure Black bristle	1 7/8" x 4 1/8"	\$21.00
46	Stiff pure Black bristle	2 1/8" x 4 1/2"	24.00

## HANDLED SHOE BRUSHES



121.

With Dauber.

No. Material  
228 Black bristles  
238 Black bristles

Per  
dozen  
\$ 3.30  
6.25

## SHOE BRUSHES



122.

Solid blocks, polished.

No.	Material	Length of Hair	Size of Block	Per dozen
1264	Stiff White fibre	1"	2 1/8" x 5 1/2"	\$ 2.40
214A	Light Gray hair	1"	2 1/2" x 7"	6.25
215	Black hair	1"	2 1/2" x 7"	4.75



123.

Solid blocks, polished.

No.	Material	Length of Hair	Size of Block	Per dozen
223	Black hair	1 1/4"	2 1/8" x 8"	\$ 7.70
225	Light Gray hair	1 1/4"	2 1/2" x 8"	9.20

The Nos. 223 and 225 are also good stencil branding brushes.

## SHOE BRUSHES

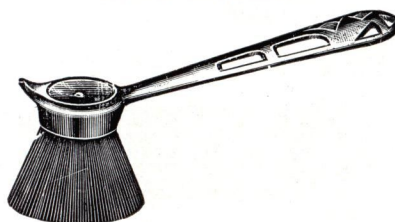


124.

No.	Material	Length of Hair	Size of Block	Per dozen
1259	Black hair	1 1/4"	2 3/4" x 8"	\$ 9.20
1260	Light Gray hair	1 1/4"	2 3/4" x 8"	11.00

We also make high grade Shoeshiners' brushes to order.

## SHOE DAUBERS



125.

Nickelled handles.

No.	Material	Per dozen
209	Black bristles	\$ 2.75
S.H.C. Large	Black bristles	5.90
S.H.C. Large	White bristles	7.30

## SCRUB BRUSHES



126.

Square end. Solid blocks.

No.	Material	Size of Block	Per dozen
464	Bass	2 1/2" x 8 1/2"	\$ 1.30
465	White fibre	2 1/2" x 8 1/2"	2.00

## SCRUB BRUSHES

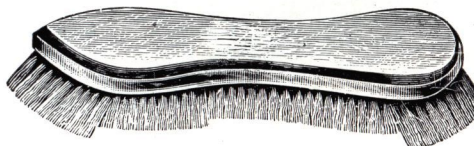


127.

Small size. Solid blocks.

No.	Material	Size of Block	Per dozen
499	Bass	2 3/8" x 9 3/4"	\$ 1.40
500	White fibre	2 3/8" x 9 3/4"	1.55
2024	Gray Union	2 3/8" x 9 1/2"	2.30
2026	White fibre	2 3/8" x 9 1/2"	2.40

## SCRUB BRUSHES

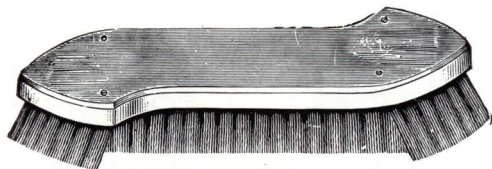


128.

Solid blocks.

No.	Material	Size of Block	Per dozen
181	Bass	2 1/2" x 10 3/4"	\$ 2.75
151	White fibre	2 1/2" x 10 3/4"	3.30
121	Rice root	2 1/2" x 10 3/4"	4.50

## SCRUB BRUSHES, "S" SHAPE



129.

Solid unvarnished backs.

No.	Material	Size of Block	Per dozen
174	Bass	9 1/4" long	\$ 2.00
22	White fibre	9 1/4" long	3.25
66	Gray Union	9 1/4" long	3.40
88	Palmetto	9 1/4" long	4.00

## SCRUB BRUSHES, POINTED ENDS



130.

Solid unvarnished backs. Large size. Without end wings. Extra quality material. Best for hotels, institutions, etc.

No.	Material	Size of Block	Per dozen
*403	White fibre	2 5/8" x 11"	\$ 3.75
*404	Gray Union	2 5/8" x 11"	4.10
405	Rice Root	2 5/8" x 11"	4.50
*406	Palmetto	2 5/8" x 11"	5.40
407	Palmyra	2 5/8" x 11"	3.60

\*These numbers also suitable for use as Printers' lye or scouring brushes.

## SCRUB BRUSHES, POINTED ENDS



131.

Solid unvarnished backs. Same as above except with end wings.

No.	Material	Size of Block	Per dozen
388	White fibre	2 5/8" x 11"	\$ 3.80
389	Gray Union	2 5/8" x 11"	4.20
390	Palmetto	2 5/8" x 11"	5.40

## SINK OR TABLE SCRUBS, SQUARE SHAPE



132.

Solid unvarnished backs. Superior quality. A handy brush for cleaning painted woodwork.

No.	Material	Size of Block	Per dozen
137	White fibre	2" x 6"	\$ 1.00
10	White fibre	2 1/2" x 6"	3.00
12	Palmetto	2 1/2" x 6"	4.00
14	Rice Root	2 1/2" x 6"	4.20

The Nos. 10, 12 and 14 also useful for laundries.

## LAUNDRY OR TABLE SCRUBS

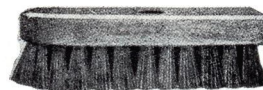


133.

Solid unvarnished backs.

No.	Material	Size of Block	Per dozen
2002	Gray Union	2" x 6"	\$ 1.30
2003	Bahia Bass	2" x 6"	1.85
2043	Bass, extra stiff	2 1/2" x 7 1/2"	2.75

## PACKERS' SCRUB BRUSHES



134.

No. 639-C

Solid backs, with a slanted nozzle hole through the center.

No.	Material	Size of Block	Price on application
639C	Stiff bassine	2 7/8" x 7"	

Made to Order only.

## SINK OR POT SCRUBS



135.

No. 777

Solid blocks. Bent handles.

No.	Material	Length over all	Per dozen
777	Bass	8 1/4"	\$ 1.40

## SINK BRUSHES



136.

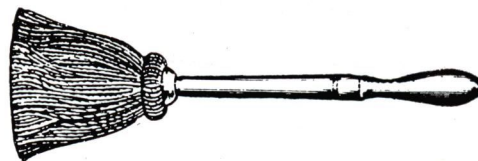
No. 1233

No. 1233

Material  
Gray Union fibre

Per dozen  
\$ 1.65

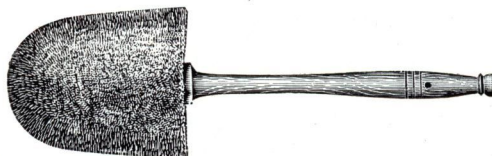
## COTTON DISH MOPS



137.

No.	Length of Cotton	Length of Handle	Per dozen
2	4"	9"	\$ 1.00
3	5"	15"	1.20

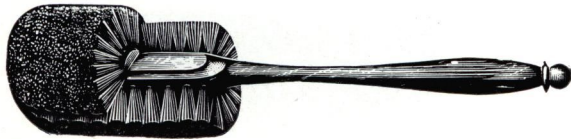
## CLOSET BRUSHES



138.

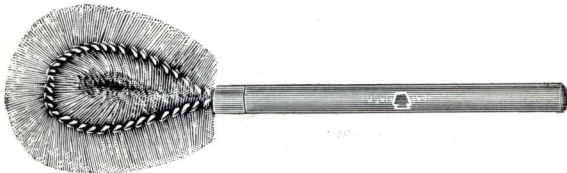
No.	Material	Diameter of Brush	Per dozen
768	Stiff Gray Union	5"	\$ 5.00

## CLOSET BRUSHES



139.				
No.	Material	Diameter of Brush	Per dozen	
790	Stiff Gray Union	4 3/4"	\$ 6.25	

## CLOSET BRUSHES



140.	Good quality White fibre twisted in wire. Wood handles.			
No.	Length over all	Per dozen		
390	17 1/2"	\$7.80		

## SEPARATOR TEST TUBE BRUSHES



141.	Twisted wire handles.			
No.	Material	Diam. of Brush	Length over all	Per dozen
1	White bristles, light handle	1/2"	10"	\$1.35
2	White bristles, medium handle	1/2"	10"	1.35
3	White bristles, light handle	3/4"	10"	1.60
4	White bristles, medium handle	3/4"	10"	1.60

## SEPARATOR TUBE BRUSHES, TAPERED



142.	Twisted wire handles.			
No.	Material	Diam. of Brush	Length over all	Per dozen
363	Black bristles	3/4" to 1 1/4"	16"	\$1.80
364	Black bristles	1" to 1 7/8"	17"	2.40

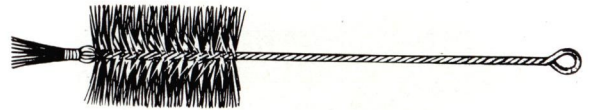
## TUBE BRUSHES



143.	Light flexible twisted wire handles.			
No.	Material	Diam. of Brush	Length over all	Per dozen
7	Black bristles	1/2"	18"	\$1.80
8	Black bristles	1/2"	24"	2.00
9	Black bristles	5/8"	18"	2.00
10	Black bristles	5/8"	24"	2.20
11	Black bristles	3/4"	18"	2.10
12	Black bristles	3/4"	24"	2.30
13	Black bristles	7/8"	18"	2.80
14	Black bristles	7/8"	24"	3.00
15	Black bristles	1"	18"	3.60
16	Black bristles	1"	24"	3.90

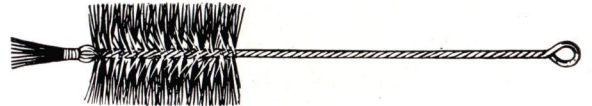
Nos. 7 and 8 are suitable for cleaning coffee urn guage glasses and refrigerator drain pipes.  
These or any other style Tube brush not listed here can also be made of fibre, brass, steel or nickel-silver wire to order.  
Prices on application.

## SMALL BOTTLE BRUSHES



144.	Twisted wire handle. Length over all 12 1/2".			
No.	Material	Diameter of Brush	Per dozen	
20	Black bristles	1 3/4"	\$2.20	
22	White bristles	1 3/4"	2.50	

## LARGE BOTTLE BRUSHES



145.	Twisted wire handle. Length over all 15".			
No.	Material	Diameter of Brush	Per dozen	
24	Black bristles	2 1/2"	\$6.60	
26	Black bristles	3"	8.40	

No. 24 for Pint bottles; No. 26 for Quart bottles.

## GLASS BRUSHES



146.	Wire wound on wood handles. For small and medium sized glasses.			
No.	Material	Diam. of Brush	Length over all	Per dozen
335	Black bristles	2 1/2"	11"	\$6.60
336	Black bristles	2 1/2"	11"	7.20

## MILK JAR OR BOTTLE BRUSHES



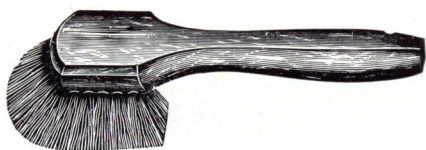
147.	No. 106	Wire bound on wood handles. May be used by hand or in a chuck.		
No.				Per dozen
106	Extra stiff Black hair. Brush part 2 3/4" diameter x 6" long. Hickory handle 10" long, 3/4" diameter tapering to 1/2" at the end.....			\$8.40



148.	Wire wound on wood handles. May be used by hand or in a chuck.			
No.				Per dozen
51	Extra stiff Black hair. Brush part 2 3/4" diameter x 6" long. Hickory handle 10" long, 3/4" diameter tapering to 1/2" at end.....			\$8.40
75	Extra stiff Black hair. Brush part 3" diameter x 6 1/2" long. Hickory handle 10" long, 3/4" diameter tapering to 1/2" at end.....			9.00
75X	Extra stiff Black hair. Brush part 3" diameter x 6 1/2" long. Hickory handle 10" long, 3/4" diameter.....			9.00

Any other style of bottle brush for outside or inside washing, and for use by hand or machine, can be made to order.

## MILK CAN SCRUBS



149.

Solid blocks.		Length	Per
No.	Material	over all	dozen
399	Palmetto	10"	\$4.80
400	White Tampico	14"	5.10
402	Palmetto	14"	5.00
401	Palmetto	22"	5.10

Nos. 400 and 402 also suitable as Automobile Fender brushes.

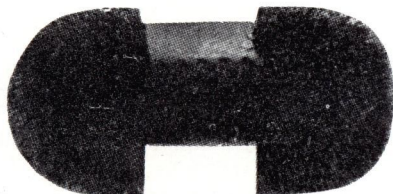
## MILK CAN SCRUBS



150.

Solid block.		Size of	Per
No.	Material	Block	dozen
30	Palmetto	2 3/8" x 7 1/4"	\$5.50

## MILK CAN SCRUBS

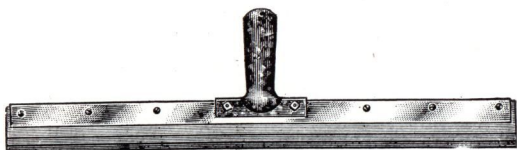


151.

Solid block. A very full brush, with large wide-spread end wings.

No.	Material	Size of Block	Per dozen
15	Palmetto	2 3/4" x 6 3/4"	\$6.50

## RUBBER WINDOW CLEANERS OR DRIERS

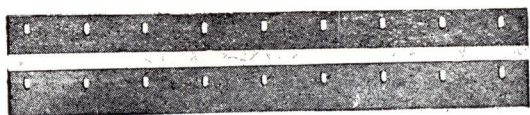


152.

Detachable rubbers. Extra strong brass frame and handle. The removable rubbers are easily replaced when worn. The replacement rubbers are punched to fit frame. These cleaners are supplied with two rubbers.

No.	Width	Per dozen
B14	14"	\$24.00
B16	16"	27.00
B18	18"	30.00

## EXTRA RUBBERS FOR WINDOW CLEANERS



153.

No.	Description	Per dozen
All sizes	Front service or back cushion.	\$3.00

When the front service rubber is worn down it may be used as a back cushion rubber, so that it is not necessary to buy new back rubber each time a service rubber is replaced.

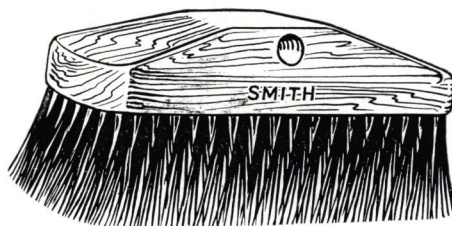
## ROUND WINDOW BRUSHES



154.

Solid blocks.		Diameter	Per
No.	Material	of Block	dozen
84	Gray fibre	4"	\$ 6.20
86	Black hair	4"	13.20
88	Black hair	5"	17.00

## OVAL CAR OR WINDOW BRUSHES



155.

Solid blocks.		Length	Size of	Per
No.	Material	of Hair	Block	dozen
125	Gray fibre	2"	2 1/2" x 9 1/2"	\$ 7.80
126	Black hair	2"	2 1/2" x 9 1/2"	15.60
128	Black hair	2 1/4"	2 1/2" x 9 1/2"	18.90
129	Black hair	2 1/2"	2 1/2" x 9 1/2"	23.00
130	Black hair	2 3/4"	2 3/4" x 9 3/4"	24.00

## PROFESSIONAL WINDOW CLEANERS' BRUSHES



156.

Selected Gray Russian bristle, wire drawn into a non-warping "Celoron" face. A high quality brush.

No.	Length of Bristle	Size of Block	Per dozen
135	3 1/4"	2 3/4" x 9 3/4"	\$90.00

## BASSWOOD HANDLES



157.

Clear bass wood. Light and strong. Of selected stock, and extra large in diameter.

Length	Diameter	Per dozen
6 ft.	1 1/8"	\$ 3.60
8 ft.	1 1/8"	4.80
10 ft.	1 1/8"	6.00
12 ft.	1 1/8"	7.20

## POLE CONNECTORS



158.

Steel cadmium plated. With screw and wing nut.

No.	Pair
3204	\$0.60

## RUBBER FLOOR SCRAPERS OR SQUEEGEES



159.

Heavy pure gum rubber,  $\frac{1}{4}$ " thick. Prices include handles.

No.	Size of Block	Per dozen
16	16"	\$13.20
18	18"	14.85
24	24"	19.80
30	30"	24.75

### DECK OR FLOOR SCRUBS With Rubber Scraper Attached.



160.

Prices include handles.

No.	Material	Size of Block	Length of Material	Per dozen
322	White fibre	3" x 11"	$1\frac{1}{8}$ "	\$ 6.60
326	Bass	3" x 11"	$1\frac{1}{8}$ "	6.00

No. 322 is soft, No. 326 stiff.

161.

Same as above but without Rubber Scraper.

No.	Material	Size of Block	Length of Material	Per dozen
325	Bass	3" x 11"	$1\frac{1}{8}$ "	\$ 5.75

### DECK OR FLOOR SCRUBS Without Rubber Scraper.



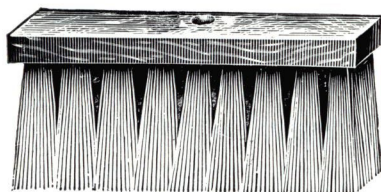
162.

Prices include handles.

No.	Material	Size of Block	Length of Material	Per dozen
2264	Stiff Bass	$3\frac{1}{4}$ " x $9\frac{1}{2}$ "	$1\frac{3}{4}$ "	\$ 8.40
2270	Palmetto	$3\frac{1}{4}$ " x $9\frac{1}{2}$ "	$1\frac{5}{8}$ "	9.20
2265	Stiff Bass	$3\frac{3}{4}$ " x 10"	$1\frac{3}{4}$ "	10.50
2271	Palmetto	$3\frac{3}{4}$ " x 10"	$1\frac{5}{8}$ "	12.60
2272	Palmyra	$3\frac{3}{4}$ " x 11"	$1\frac{5}{8}$ "	12.60

Bass is the stiffest material, Palmyra next; and Palmetto, while tough, is softer than either.

### COIR DECK OR SCRUB BROOMS



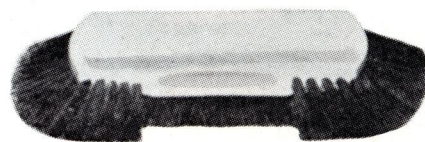
163.

Best Bassine. Solid blocks.

No.	Size of Block	Length of Material	Per dozen
488	3" x 11"	$3\frac{1}{2}$ "	\$ 5.50
490	3" x 12"	4"	6.50

54" Handles extra, \$1.50 per dozen.

## BREWERS' BARREL BRUSHES



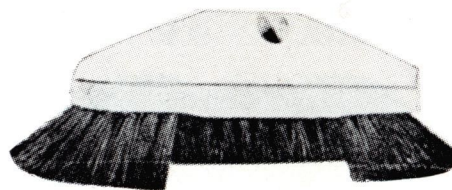
164.

Solid blocks. End wings are hand wire drawn.

No.	Material	Size of Block	Per dozen
35	Palmyra	$2\frac{7}{8}$ " x $8\frac{3}{8}$ "	\$12.60
36	Bassine	$2\frac{7}{8}$ " x $8\frac{3}{8}$ "	12.60
37	Palmetto	$2\frac{7}{8}$ " x $8\frac{3}{8}$ "	13.20
38	Kittool	$2\frac{7}{8}$ " x $8\frac{3}{8}$ "	13.20
39	Bristle	$2\frac{7}{8}$ " x $8\frac{3}{8}$ "	22.40

In order of stiffness, Bassine is stiffest, Palmyra next, then Palmetto and Kittool, while Bristle is softest.

## KETTLE AND VAT SCRUBBERS

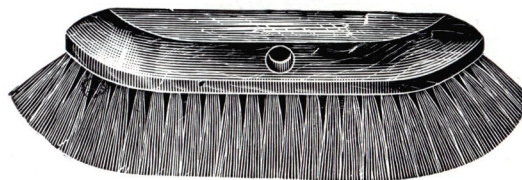


165.

Solid blocks. Two handle holes. Wings are wire drawn.

No.	Material	Size of Block	Per dozen
40	White fibre	$3\frac{1}{4}$ " x $9\frac{3}{8}$ "	\$15.75
41	Palmyra	$3\frac{1}{4}$ " x $9\frac{3}{8}$ "	15.00
42	Kittool	$3\frac{1}{4}$ " x $9\frac{3}{8}$ "	18.00
43	Bristle	$3\frac{1}{4}$ " x $9\frac{3}{8}$ "	33.00

## HALF-ROUND VAT SCRUBBERS



166.

Solid blocks. One handle hole. Wings are wire drawn.

No.	Material	Size of Block	Per dozen
50	Bassine	$3\frac{1}{2}$ " x 10"	\$14.40
51	Kittool	$3\frac{1}{2}$ " x 10"	16.80
52	Bristle	$3\frac{1}{2}$ " x 10"	28.80

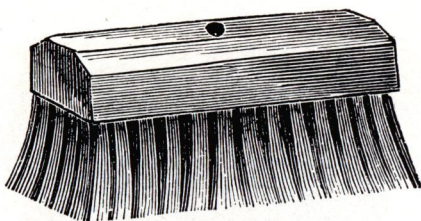
## 167. HARDWOOD HANDLES

Handles for Stable Brooms, Wire Brooms, Deck Scrubs, etc., plain hardwood 54 inches long,  $1\frac{1}{8}$ " in diameter, tapered at one end to  $15/16$ ".

Handles for Floor Brooms, polished hardwood,  $15/16$ " diam.

54 inches long, threaded one end.....	\$1.50
60 inches long, threaded one end.....	1.50
72 inches long, threaded one end.....	2.00

## CELLAR BROOMS



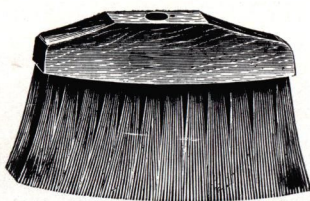
168.

Solid blocks. One handle hole.

No.	Material	One Handle Hole 3 1/4" x 12"	Per dozen \$14.40
55	Bass		

Handles Extra.

## BREWERS' OR CHEESE FACTORY UPRIGHT BROOMS



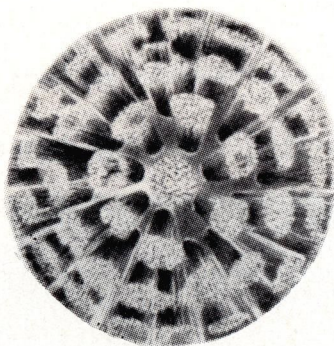
169.

Solid blocks.

No.	Rows	Material	Size of Block	Per dozen \$ 9.00 12.00
63	3	Bassine	2 1/4" x 11"	
64	4	Bassine	2 1/2" x 11"	

Handles Extra.

## BRASS BALL PIPE CLEANING BRUSHES



170.

To order only. New or Rebristled.

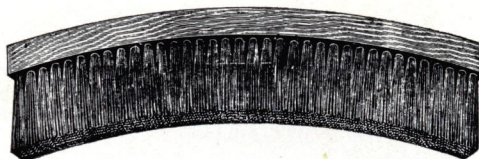
## HOSE BRUSHES



171.

Any size or material. To order only.

## KEG WASHING MACHINE BRUSHES



172.

### Top Machine, Curved

Best Calabar Bass.

No.	Size of Block	Length of Material	Prices on Application
1/4 bbl.	3 1/2" x 24"	7"	
1/2 bbl.	3 1/2" x 24"	7"	
1/1 bbl.	3 1/2" x 32"	7"	

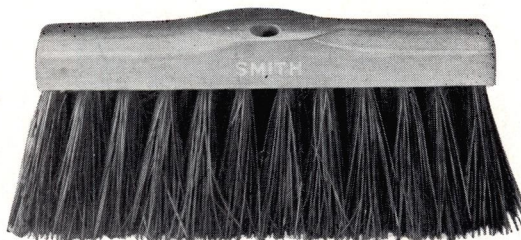
### Side Machine, Straight

No.	Size of Block	Length of Material	Prices on Application
1/4 bbl.	3 1/2" x 16"	7"	
1/2 bbl.	3 1/2" x 16"	7"	
1/1 bbl.	3 1/2" x 18"	7"	

Any style Brewer's brush not listed can be made to order.

## STABLE OR STREET BROOMS

### Stiff Bass



173.

Handles included in price. Best stiff Bass, staple fastened. Solid hardwood blocks. Two handle holes.

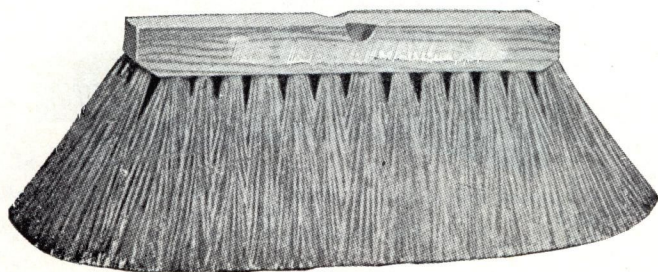
No.	Size of Block	Rows	Length of Bass	Per dozen
403	3 1/2" x 12"	4	4 1/2"	\$11.25
405	3 1/2" x 14"	5	5"	14.50
407	3 1/2" x 16"	5	6"	17.50
408	3 1/2" x 18"	5	6"	21.00

## 174. TENNIS COURT DRAG BROOM

Made of tough Palm fibre. Solid hardwood back. One handle hole. Handle reinforced with two brass stays securely screwed to back.

No.	Material	Size of Block	Length of Material	Each
717-P	Palm Fibre	3 7/8" x 36"	5 1/8"	\$7.00

## CORPORATION STREET BROOMS Selected Calabar Bass



175.

Hand pitch set, best stiff Bass. Seasoned Elm blocks. Well flared out at ends to enable user to sweep close to the curb.

These brooms are especially designed for street sweeping and have been adopted as standard by many municipalities. They will sweep cleaner with less effort on the part of the sweeper than any other style. Another favorable point is that they will not become clogged with dirt.

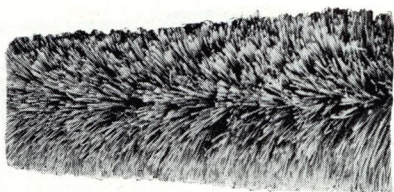
Handles not included in Prices.

No.	Size of Block	Length of Bass	Per dozen
15XX	3 3/8" x 15"	7"	\$21.00
15XXX	3 3/8" x 15"	7"	\$22.50

54" Handles 1 1/8" diameter, \$1.50 dozen.

The XXX is extra full.

## ROTARY STREET SWEEPER BRUSHES



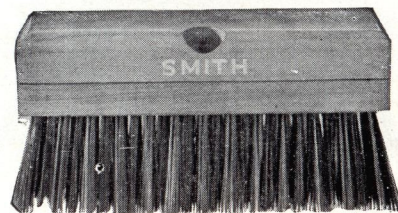
176.

We refill all types of Mechanical Street Sweeper Brushes with Split Hickory or Bass.

PRICES ON APPLICATION

If there is some special type of brush you require and you find no listing of it in this catalogue then see page 47, where you will find full instructions on how to order Special Brushes.

## STEEL WIRE BROOMS OR SCRUBS Small Size



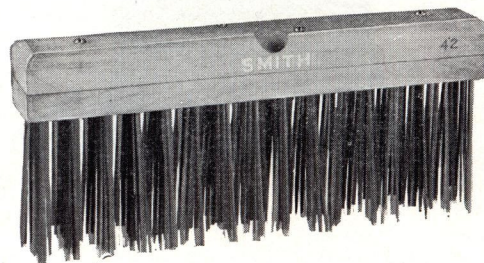
177.

For all heavy scrubbing such as on rough or greasy floors, cleaning brick or cement walls, removing rust, paint or scale from large surfaces, boilers, etc.

No.	Wire	Size of Block	Length of Wire	Gauge	Per dozen
439	Round	3" x 8 3/4"	2 1/2"	.013	\$15.00
440	Flat	3" x 8 3/4"	3"	.017 x .080	16.80

Prices include handles.

## FLAT STEEL WIRE PUSH BROOMS



178.

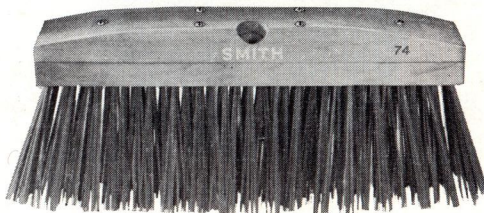
Flat steel wire. Hardwood blocks. Back securely bolted on. For yard and street sweeping, roofers, glass factories, stables, etc.

A well made, medium priced, popular line, embodying the same good workmanship found in our higher priced brooms, but on narrower blocks and consequently containing less wire.

No.	Size of Block	Length of Wire	Gauge	Per dozen
41	2 1/4" x 12"	4 1/2"	.017 x .080	\$16.50
42	2 3/4" x 14"	4 1/2"	.017 x .080	19.50

Prices include handles.

## FLAT STEEL WIRE PUSH BROOMS



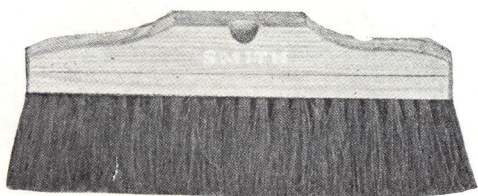
179.

Flat steel wire. Hardwood blocks. Back securely bolted on. The best wire broom for street sweeping, yard or factory sweeping. Also used by roofers, stablemen, pulp mills and glass factories.

No.	Size of Block	Length of Wire	Gauge	Per dozen
62	2 5/8" x 12"	4"	.017 x .080	\$19.50
64	2 5/8" x 14"	4"	.017 x .080	22.50
72	2 5/8" x 12"	5"	.017 x .080	22.50
74	2 5/8" x 14"	5"	.017 x .080	24.00

Prices include handles.

## GARAGE OR FACTORY BROOMS



**180.**

Fine round steel wire center. Tampico fibre body. Black Horse Hair edge. Hand wire drawn. Hardwood blocks.

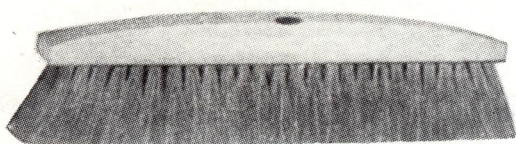
The fine steel wire center will cut into caked dirt which a softer broom would pass over. The softer horse hair and tampico on the outside take care of dust.

Recommended for handling paper cuttings, oily floors, etc.

No.	Size of Block	Length of Material	Per dozen
503	14"	3 1/4"	\$22.50
504	16"	3 1/4"	25.60
505	18"	3 1/4"	28.50

Prices include threaded handles.

## GARAGE OR FACTORY BROOMS



**181.**

Medium stiff Bass. Staple fastened. Hardwood blocks.

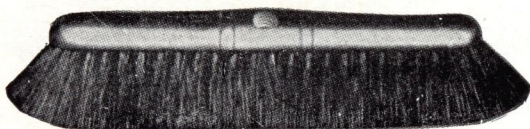
Not as coarse as our street or stable brooms, but will sweep cleaner.

Recommended for cement or rough wood floors. As water has little or no softening effect on the fibre, this broom is well adapted for use around auto wash rooms, or wherever floors are continually damp or wet.

No.	Size of Block	Length of Material	Per dozen
103	14"	4"	\$21.00
104	16"	4"	24.00
105	18"	4"	27.00

Prices include threaded handles.

## GARAGE OR FACTORY BROOMS



**182.**

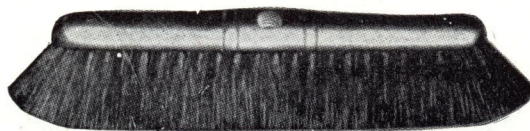
Pure Palmetto fibre center, stiff Kittool edge. Staple fastened. Hardwood blocks.

Softer than Fig. No. 181 Line but made of very tough fibres. For rough factory floors, stock rooms, etc.

No.	Size of Block	Length of Material	Per dozen
203	14"	3 1/4"	\$21.00
204	16"	3 1/4"	24.00
205	18"	3 1/4"	27.00
206	20"	3 1/4"	30.00
207	24"	3 1/4"	36.00
208	30"	3 1/4"	45.00
209	36"	3 1/4"	54.00

Prices include threaded handles.

## GARAGE OR FACTORY BROOMS



**183.**

Alternate rows of pure Palmetto and Tampico fibres, with a Horse Hair casing. Staple fastened. Hardwood blocks.

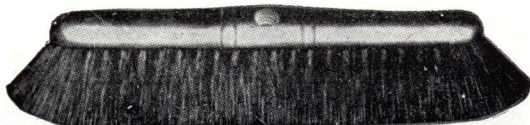
Primarily designed for garage use, but equally suitable for cement or rough wood floors in factories, warehouses, etc.

The rows of Palmetto fibre in these brooms give them the extra stiffness necessary where floors are much littered.

No.	Size of Block	Length of Material	Per dozen
303	14"	3 1/4"	\$23.10
304	16"	3 1/4"	26.40
305	18"	3 1/4"	29.70
306	20"	3 1/4"	33.00
307	24"	3 1/4"	39.60
308	30"	3 1/4"	49.50
309	36"	3 1/4"	59.40

Prices include threaded handles.

## FLOOR BROOMS



**184.**

Gray Tampico fibre. Staple fastened. Varnished hardwood blocks.

For semi-rough floors, but not as stiff as Fig. No. 182

Palmetto and Kittool brooms.

No.	Size of Block	Length of Material	Per dozen
112	12"	2 3/4"	\$13.20
114	14"	2 3/4"	15.40
116	16"	2 3/4"	16.60
118	18"	2 3/4"	19.80
120	20"	2 3/4"	22.00
124	24"	2 3/4"	26.40
130	30"	2 3/4"	33.00
136	36"	2 3/4"	39.60

Prices include threaded handles.

**185.**

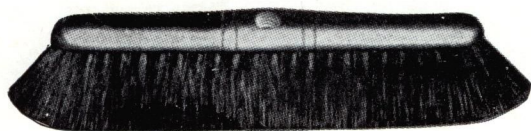
Gray Tampico fibre center, pure Black Horse Hair edge. Staple fastened. Varnished blocks.

Same as Fig. No. 184 Line, except with Black Horse Hair edge.

No.	Size of Block	Length of Material	Per dozen
112a	12"	2 3/4"	\$16.50
114a	14"	2 3/4"	19.80
116a	16"	2 3/4"	22.00
118a	18"	2 3/4"	24.75
120a	20"	2 3/4"	27.50
124a	24"	2 3/4"	33.00
130a	30"	2 3/4"	41.25
136a	36"	2 3/4"	49.50

Prices include threaded handles.

## FLOOR BROOMS



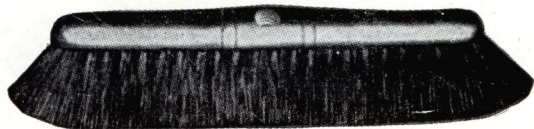
186.

Best pure Black horse hair. Staple fastened. Varnished hardwood blocks. For smooth floors.

No.	Size of Block	Length of Material	Per dozen
212	12"	2 $\frac{3}{4}$ "	\$21.00
214	14"	2 $\frac{3}{4}$ "	24.00
216	16"	2 $\frac{3}{4}$ "	28.00
218	18"	2 $\frac{3}{4}$ "	31.50
220	20"	2 $\frac{3}{4}$ "	35.00
224	24"	2 $\frac{3}{4}$ "	42.00
230	30"	2 $\frac{3}{4}$ "	52.50
236	36"	2 $\frac{3}{4}$ "	63.00

Prices include threaded handles.

## PURE BRISTLE FLOOR BROOMS



187.

Pitch set. Fine Black Chinese bristles. Varnished hardwood blocks.

Softer than horse hair or fibre brooms and well flared. The soft and resilient bristles sweep clean without raising dust.

For polished hardwood floors, Terrazo, linoleum, etc. Recommended for hospital use.

No.	Size Block	Length of Material	Per dozen
12X	12"	2 $\frac{3}{4}$ "	\$30.00
14X	14"	2 $\frac{3}{4}$ "	35.00
16X	16"	2 $\frac{3}{4}$ "	40.00
18X	18"	2 $\frac{3}{4}$ "	45.00
12XX	12"	3"	33.00
14XX	14"	3"	38.50
16XX	16"	3"	44.00
18XX	18"	3"	49.50
12XXX	12"	3 $\frac{1}{4}$ "	39.00
14XXX	14"	3 $\frac{1}{4}$ "	45.50
16XXX	16"	3 $\frac{1}{4}$ "	52.00
18XXX	18"	3 $\frac{1}{4}$ "	58.50
20XXX	20"	3 $\frac{1}{4}$ "	65.00
24XXX	24"	3 $\frac{1}{4}$ "	78.00

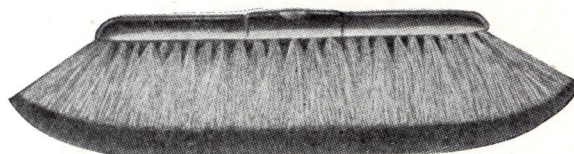
Prices include threaded handles.

These hand pitch set floor brooms are made of pure Chinese Hog bristles which will not become matted.

For office, school, institution or apartment sweeping they are much more satisfactory than machine stapled types.

Machine stapled brooms for factory, warehouse and garage use will be found listed on page 25.

## FLOOR BROOMS



188.

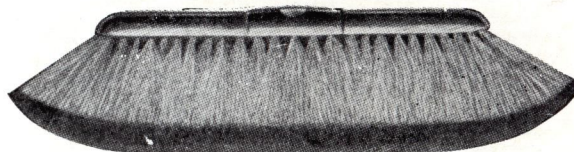
Pitch set. Mixed bristle center. Pure black bristle edge. Varnished hardwood blocks.

The mixed bristle center gives this broom medium stiffness For smooth floors. Suitable for factories, warehouses and retail stores where there is much traffic.

No.	Size of Block	Length of Material	Per dozen
312	12"	3"	\$38.40
314	14"	3"	44.80
316	16"	3"	51.20
318	18"	3"	57.60
320	20"	3"	64.00
324	24"	3"	76.80
330	30"	3"	96.00
336	36"	3"	115.20

Prices include threaded handles.

## FLOOR BROOMS



189.

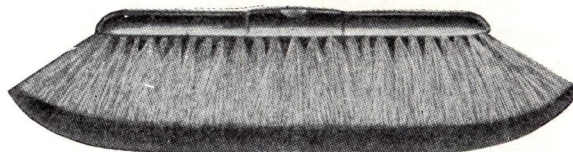
Pitch set. Black bristle and hair center. Pure black bristle edge. Varnished hardwood blocks.

A soft, medium priced broom for general use. Recommended for office buildings, institutions, hotels, private residences, etc.

No.	Size of Block	Length of Material	Per dozen
412B	12"	2 $\frac{3}{4}$ "	\$36.00
414B	14"	2 $\frac{3}{4}$ "	42.00
416B	16"	2 $\frac{3}{4}$ "	48.00
418B	18"	2 $\frac{3}{4}$ "	54.00
420B	20"	2 $\frac{3}{4}$ "	60.00
424B	24"	2 $\frac{3}{4}$ "	72.00

Prices include threaded handles.

## FLOOR BROOMS



190.

### "Janitor Quality"

(A very popular line)

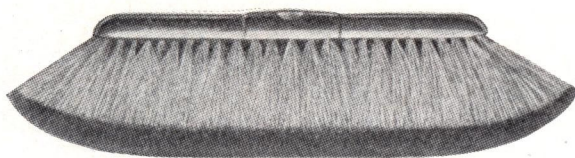
Pitch set. Black bristle and hair center. Pure Black bristle edge. Varnished hardwood blocks.

A soft, medium priced broom for all types of smooth floors. Recommended for office buildings, institutions, hotels, private residences, etc.

No.	Size of Block	Length of Material	Per dozen
412	12"	3"	\$38.40
414	14"	3"	44.80
416	16"	3"	51.20
418	18"	3"	57.60
420	20"	3"	64.00
424	24"	3"	76.80
430	30"	3"	96.00
436	36"	3"	115.20

Prices include threaded handles.

## FLOOR BROOMS



## 191. "Janitor Quality"

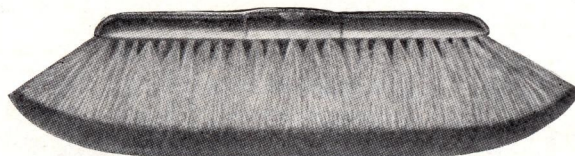
Pitch set. All pure Gray Russian bristle. Varnished hardwood blocks.

Exactly the same as Fig. No. 193 line below, except with slightly shorter bristles.

No.	Size of Block	Length of Material	Per dozen
512	12"	3 1/4"	\$54.00
514	14"	3 1/4"	63.00
516	16"	3 1/4"	72.00
518	18"	3 1/4"	81.00
520	20"	3 1/4"	90.00
524	24"	3 1/4"	108.00

Prices include threaded handles.

## FLOOR BROOMS



## 192. "Janitor Quality"

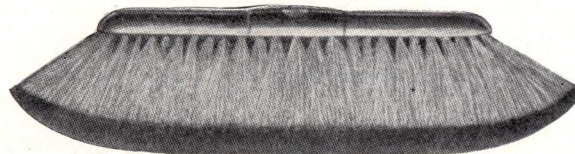
Pitch set. Mixed Gray Russian bristle center. Gray Russian bristle edge. Varnished hardwood blocks.

A high grade soft broom for office buildings, schools, institutions, etc.

No.	Size of Block	Length of Material	Per dozen
612	12"	3 1/2"	\$48.00
614	14"	3 1/2"	56.00
616	16"	3 1/2"	64.00
618	18"	3 1/2"	72.00
620	20"	3 1/2"	80.00
624	24"	3 1/2"	96.00
630	30"	3 1/2"	120.00
636	36"	3 1/2"	144.00

Prices include threaded handles.

## FLOOR BROOMS



## 193. "Janitor Quality"

Pitch set. All pure Gray Russian bristles. Varnished hardwood blocks.

Our highest grade line. The soft Russian bristle will sweep clean without raising dust.

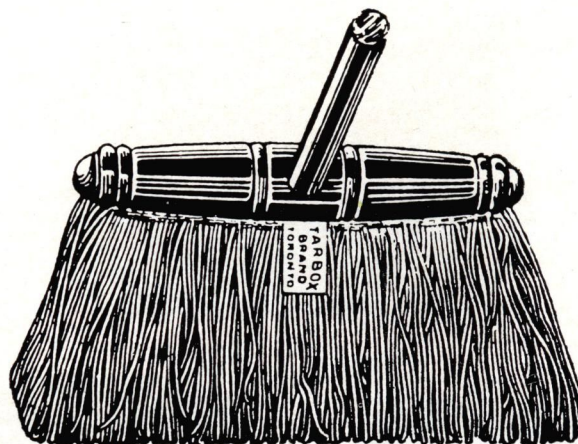
For office buildings, schools, institutions, etc.

No.	Size of Block	Length of Material	Per dozen
712	12"	3 1/2"	\$ 66.00
714	14"	3 1/2"	77.00
716	16"	3 1/2"	88.00
718	18"	3 1/2"	99.00
720	20"	3 1/2"	110.00
724	24"	3 1/2"	132.00
730	30"	3 1/2"	165.00
736	36"	3 1/2"	198.00

Prices include threaded handles.

Any other style, length of material, etc., made to order. Quotations and samples on application.

## FLOOR POLISHER



## 194.

The Floor Polisher is a broad, solidly constructed mop with a rubber bumper on each end of the block, to prevent scratching. It will cover large floor spaces quickly, and when used sideways gets into the narrow spaces behind furniture, etc. The weight of the mop is just enough to make the action of dusting brighten the old polish already on the floor.

No.	Size of Block	Per dozen
1	10"	\$19.25
2	14"	24.75

## TRIANGULAR DUSTING MOP

Adjustable handle makes it easy to clean under furniture.



## 195.

Black, non-linting cotton yarn

Because of its shape, the Triangular Mop will easily reach into corners and prevent dust and dirt collecting there. The polished hardwood handles is adjustable to any height convenient to the operator, thus the full surface of the mop is always on the floor.

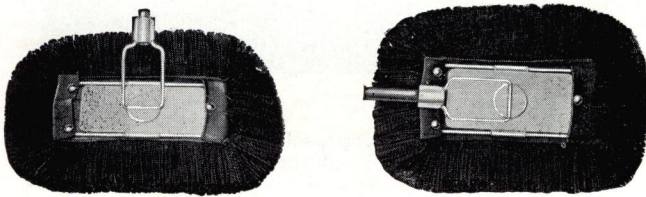
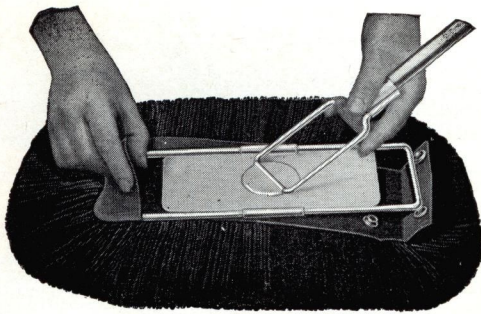
No.	Per dozen
Triangular	\$17.50

## 196. CIRCULAR DUSTING MOP

Ideal for small floors. The Circular Mop is the smallest of the dusting mops but has enough yarn to make dusting easy and thorough. Like the triangular mop, its polished hardwood handle is adjustable, and allows easy access under low furniture.

No.	Per dozen
Round	\$14.50

## HOOD DUSTING MOPS



197.

A big dusting surface with a handle which lies flat.

The hood is on a strong wire frame attached by a flexible device to a 54-inch hardwood handle, and measures 11-inches by 17-inches. This mop is especially suited to dusting large rooms, dance floors, etc.

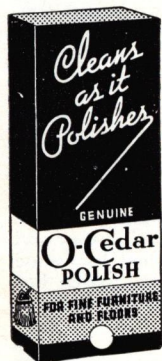
	Per dozen
Complete Hood Mop—Chemically Treated.....	\$27.00
Complete Hood Mop—White Yarn.....	18.00
Lamb's Wool Hood Wax Applicator, complete.....	17.50
Frame and Handle only.....	6.50

## O-CEDAR TRIANGULAR MOPS



198.

No.	Per dozen
23.....	\$17.50



## O-CEDAR POLISH

199.

	Per gal.
1 gallon tins only.....	\$3.25

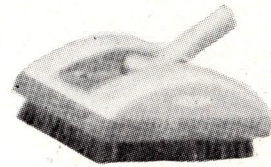
## CHAN WAX

200.

	Per tin
1 lb. tins.....	\$ .55
3 lb. tins.....	1.35
5 lb. tins.....	2.10



## FLOOR WAXING BRUSHES



201.

Reversible handles. Felt protectors. Metal parts have aluminum finish. The brush part is replaceable when worn out.

No.	Weight	Material	Length	Size of Block	Per dozen
Vulcan	17 lbs.	Gray fibre	1 1/16"	5 7/8" x 8 1/2"	\$42.00
Vulcan	27 lbs.	Gray fibre	1 1/16"	7" x 9"	60.00
Extra brush for 17 lb. type.....					24.00
Extra brush for 27 lb. type.....					27.00

## STEEL WOOL

One pound rolls.



202.

Highest quality. It is always uniform, long stranded, clean cut and highly abrasive.

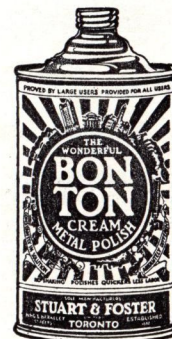
Grade No.	Per lb.
0.....	\$0.35
1.....	.35
2.....	.32
3.....	.32

Grade No. 0:—For cleaning Aluminum utensils, and for finishing and reviving old painted surfaces.

Grade Nos. 1 and 2:—For intermediate uses; for surfacing, cleaning linoleum floors, and general abrasive uses.

Grade No. 3:—For removing painted surfaces, for rough cleaning and surfacing, removing rust.

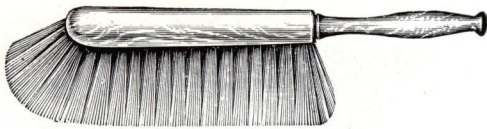
## "BON-TON" METAL POLISH



203.

No.		Per dozen
16	16 fl. ounce Tins.....	\$4.50
160	160 fl. ounces (1 Imp. gal.).....	\$1.90

## BANNISTER OR BENCH DUSTERS



204.

Gray Tampico fibre center. White Tampico edge. Staple fastened. Unvarnished blocks. For dusting around stoves, etc. A good cheap bench duster, but coarser than a hair or bristle brush.

No.	Length of Brush Part	Length of Material	Per dozen
BB1	7"	2 $\frac{3}{8}$ "	\$ 4.00
BB2	8"	2 $\frac{3}{8}$ "	4.50

## BANNISTER OR BENCH DUSTERS

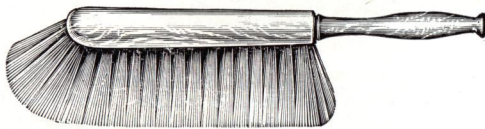


205.

Pure Black hair. Staple fastened. Varnished blocks. Fairly soft. A good bench duster.

No.	Length of Brush Part	Length of Material	Per dozen
47	7"	2 $\frac{1}{2}$ "	\$ 8.00
48	8"	2 $\frac{1}{2}$ "	9.20

## BANNISTER OR BENCH DUSTERS



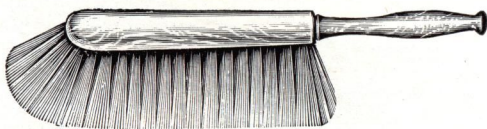
206.

Pitch set. Gray Tampico center. White Tampico edge. Varnished blocks.

These pitch set dusters have more flare than the staple fastened type. A good cheap household duster. Suitable for factory use, but not as soft as hair or bristle brushes.

No.	Length of Brush Part	Length of Material	Per dozen
7	7"	3"	\$ 6.60
8	8"	3"	7.80

## BANNISTER OR BENCH DUSTERS

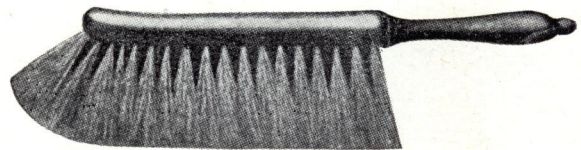


207.

Pure Black hair. Hand wire drawn. Varnished blocks. Recommended for bakers and flour mills. Suitable for general factory dusting.

No.	Length of Brush Part	Length of Material	Per dozen
147	7"	2 $\frac{3}{4}$ "	\$10.20
148	8"	2 $\frac{3}{4}$ "	12.00

## BANNISTER OR BENCH DUSTERS



208.

Pitch set. Gray Tampico center. Pure Black bristle edge. Varnished blocks.

The Tampico fibre center is moderately stiff.

A good brush for factories where a pure bristle brush is not necessary.

No.	Length of Brush Part	Length of Material	Per dozen
17	7"	2 $\frac{3}{4}$ "	\$12.50
18	8"	2 $\frac{3}{4}$ "	13.20

209.

Pitch set. Mixed bristle and hair center. Pure Black bristle edge. Varnished blocks.

Softer than the Fig. No. 208 line. A very popular brush. Recommended for public buildings, institutions, etc.

No.	Length of Brush Part	Length of Material	Per dozen
27	7"	2 $\frac{3}{4}$ "	\$15.85
28	8"	2 $\frac{3}{4}$ "	18.15
29	9"	2 $\frac{3}{4}$ "	21.00

210.

Pitch set. Pure soft Black bristle. Varnished blocks.

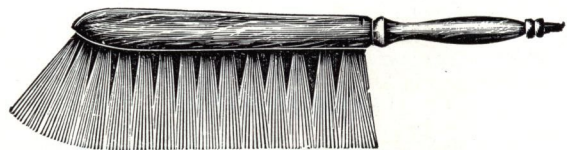
A very soft duster. Will not curl or become matted.

Recommended for household, office and institution use.

No.	Length of Brush Part	Length of Material	Per dozen
36	6"	2 $\frac{5}{8}$ "	\$13.20
37	7"	2 $\frac{5}{8}$ "	15.20
38	8"	2 $\frac{3}{4}$ "	18.75
39	9"	2 $\frac{3}{4}$ "	24.00

## MILL OR JANITOR DUSTERS

Extra Heavy



211.

Pitch set. Pure Black bristle. Varnished blocks. For finer dusting in office buildings, mills, factories, etc.

No.	Length of Brush Part	Length of Material	Per dozen
58	8"	3"	\$23.50
59	9"	3"	26.50
60	10"	3"	30.00

Our best Chinese bristle line.

212.

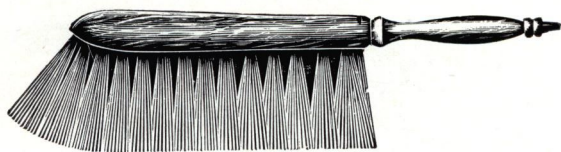
Pitch set. Pure Gray Russian bristles. Varnished blocks.

These brushes are very soft and flexible. Best for office, factory and railway use.

No.	Length of Brush Part	Length of Material	Per dozen
67	7"	3 $\frac{1}{4}$ "	\$21.00
68	8"	3 $\frac{1}{4}$ "	24.00
69	9"	3 $\frac{1}{4}$ "	30.00
70	10"	3 $\frac{1}{4}$ "	33.00

Our best Russian bristle line.

## STIFF BANNISTER OR CARPET BRUSHES



213.

Staple fastened, Pure Palmetto fibre, Varnished blocks. Softer than the whisk bannister No. 92 listed below.

No.	Length of Brush Part	Length of Material	Per dozen
91	8"	2 $\frac{3}{4}$ "	\$12.00

214.

Pitch set. Fine whisk or Rice Root. Varnished blocks. Not so tough a material as Palmetto, but stiffer and more penetrating.

No.	Length of Brush Part	Length of Material	Per dozen
92	8"	3"	\$12.60
93	9"	3"	14.40

## BENT NOSE BENCH DUSTERS



215.

Gray Tampico fibre, wire drawn. Varnished blocks. A good machinists' bench brush. Especially adapted for cleaning around machinery.

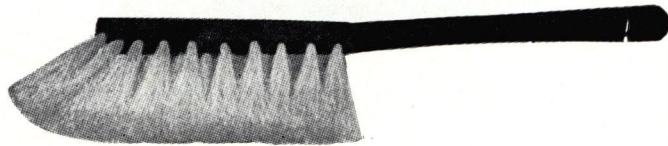
No.	Length of Brush Part	Length of Material	Per dozen
200	8"	2 $\frac{3}{4}$ "	\$ 8.00

216.

Best Black horse hair, wire drawn. Varnished blocks. Softer and longer wearing than the No. 200.

No.	Length of Brush Part	Length of Material	Per dozen
201	8"	2 $\frac{3}{4}$ "	\$12.00

## LOOM DUSTERS



217.

All sizes and styles made to order. Prices on application.

## SILK DUSTER

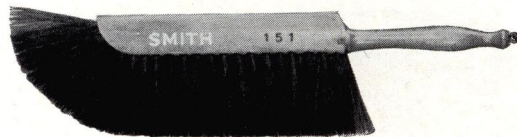


218.

Pitch set. Pure soft Black bristle. Varnished blocks. Very soft, for light dusting. A good drafting table duster.

No.	Length of Brush Part	Length of Material	Per dozen
5	5"	2 $\frac{3}{8}$ "	\$10.20

## RAZOR BACK BANNISTER BRUSH

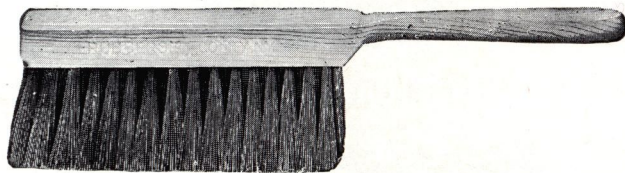


219.

Pitch set. Pure soft Black bristles. Varnished blocks. A very soft brush with a thin back, useful for dusting in narrow places. A splendid drafting table duster.

No.	Length of Brush Part	Length of Material	Per dozen
151	8"	2 $\frac{3}{4}$ "	\$23.00

## SOFT BENCH BRUSHES



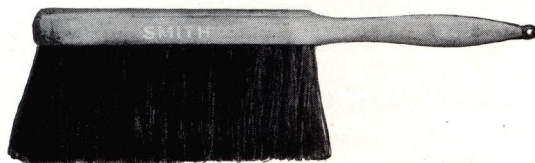
220.

Wire drawn, soft Black Chinese bristles. Unvarnished blocks. Non warping Celoron face. An excellent brush for chemists, bakers and candy manufacturers.

No.	Length of Brush Part	Length of Material	Per dozen
300	7"	2 $\frac{1}{2}$ "	\$36.00

## MILL DUSTERS

Extra quality.



221.

Hand wire drawn. Gray Russian bristles. Varnished blocks. For flour mills, and general factory dusting where a heavy high grade brush is required.

No.	Length of Brush Part	Length of Material	Per dozen
31	8 $\frac{1}{2}$ "	3 $\frac{1}{4}$ "	\$36.00

222.

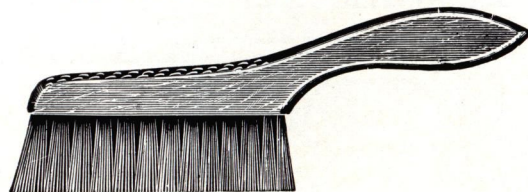
## MACHINISTS' LATHE BRUSH

Staple fastened Stiff Bassine, Hardwood blocks.

A large brush for handling iron filings or heavy cuttings from work benches or lathes. Water has very little softening effect on this material.

No.	Length of Brush Part	Length of Material	Per dozen
40	8"	3 $\frac{1}{4}$ "	\$12.00

## MACHINISTS' BENCH BRUSH



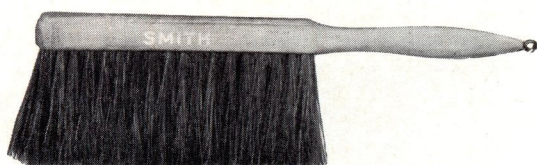
223.

Fine wire center, with outside rows of Black Tampico fibre. Plain block.

Used for cleaning filings, sawdust, etc., from work benches or machinery. The wire center will cut into dried oil or grease.

No.	Length of Brush Part	Length of Material	Per dozen
65	5 $\frac{3}{4}$ "	2 $\frac{1}{4}$ "	\$9.00

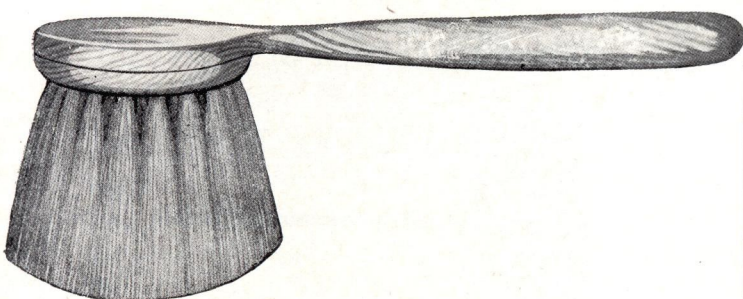
## BAKERS' OR FACTORY BENCH BRUSHES



224.  
Wire drawn. Best Silver-gray horse hair, Varnished blocks.  
Especially made for bakeries or flour mills.

No.	Length of Brush Part	Length of Material	Per dozen
85	8½"	2¾"	\$17.50

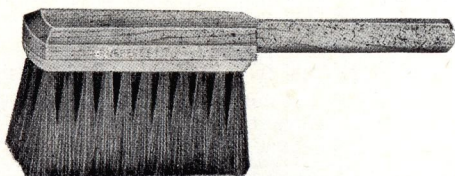
## BAKERS' ICING BRUSHES



225.  
Gray Russian bristles, wire drawn into non-warping Celoron face.

No.	Size of Block	Length of Hair	Per dozen
210	2¾" Dia.	2¾"	\$36.00

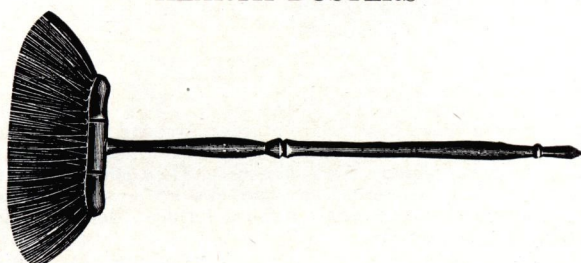
## BAKERS' ICING BRUSHES



226.  
Gray Russian bristles, wire drawn into non-warping Celoron face.

No.	Size of Brush Part	Length of Hair	Per dozen
212	1¾" x 5"	2¾"	\$42.00

## HEARTH DUSTERS



227.

No.	Material	Size of Block	Per dozen
727	Black mixed hair	1½" x 4¾"	\$12.00

## DUSTPAN BRUSHES



228. No. 7  
Cement set. Mixed Black bristles. Hardwood blocks. 36" handles included.  
For use with long handled dustpans shown on page 45.

No.	Material	Size of Block	Per dozen
7	Black Mixed bristles	2"x7"	\$18.00

## RADIATOR DUSTING BRUSHES



229.  
Pure Black hair.

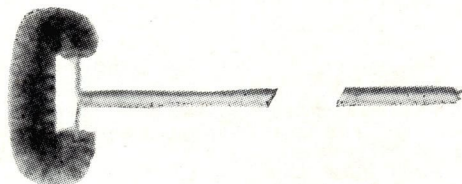
No.	Thickness	Length Overall	Per dozen
726	¾"	27"	\$6.75
748	¾"	42"	8.50



230. No. 69  
Twisted in wire. Pure Black hair.

No.	Length of Brush Part	Length Overall	Per dozen
69	9½"	30"	\$8.50

## WALL OR CORNICE DUSTERS

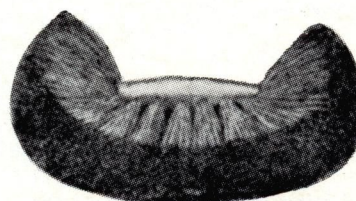


231.  
Gray hair, twisted in wire, with connecting handle socket.

No.	Per dozen
750	\$18.50

Price includes 6 ft. varnished handles.

## WALL OR CORNICE DUSTERS

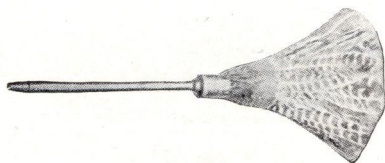


232.  
Pure soft Black Chinese bristles, cement set. Varnished hardwood blocks.

No.	Material	Size of Blocks	Per dozen
1	Black Bristles	6"	\$28.00
2	Black Bristles	7"	32.00
3	Black Bristles	8"	36.00
4	Black Bristles	9"	39.00

Prices include 6 ft. varnished handles.

## FEATHER DUSTERS



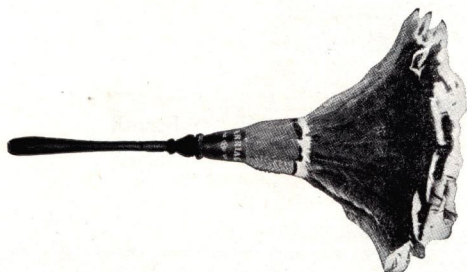
233.

**"Trade"**

All wing feathers. Detachable Black handles. Paper cuffs. A cheap general purpose duster.

No.	Length of Duster	Per dozen
Trade 12	12"	\$7.90
Trade 14	14"	8.90
Trade 16	16"	9.50
Trade 18	18"	10.50

## FEATHER DUSTERS



234.

**"Building and Extra Quality"**

All wing feathers. Detachable Red handles. Leatherette cuffs. Screw thread.

No.	Length of Duster	Per dozen
Building 16	16"	\$13.50
Building 18	18"	15.25

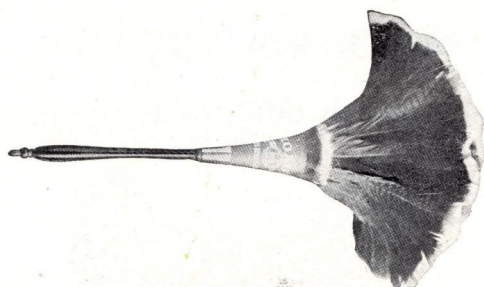
235.

Selected wing and tail feathers. Detachable screw thread mahogany finished handles. Leatherette cuffs. Nickelled ferrules.

Made especially for use in public buildings, hotels, railways, etc.

No.	Length of Duster	Per dozen
Extra quality 16	16"	\$15.00
Extra quality 18	18"	16.75

## FEATHER DUSTERS



236.

**"Iowa Janitor"**

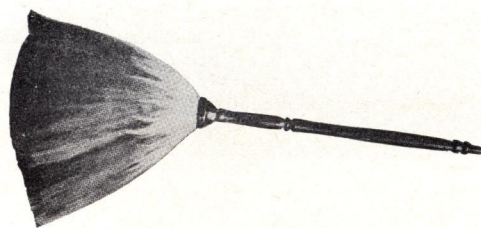
Extra selected wing and tail feathers. Our Iowa line of dusters is made of the very best selection of feathers, furnished with improved nickel ferrule, silver embossed cuff with reinforced backing and binding around top of same. With hardwood handles, red lacquer finish.

A very high grade duster.

No.	Length of Duster	Per dozen
Iowa Janitor	16"	\$18.75

Duster lengths mean from cuff to end of feathers.

## MIXED COLOUR FINE LAMB'S WOOL DUSTERS



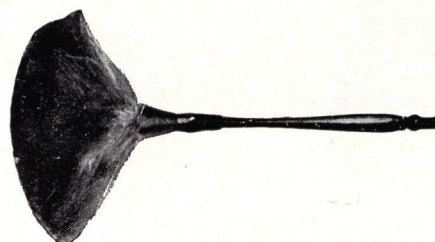
237.

**No. 0**

Detachable screw thread handles.

No.	Length of Wool	Length over all	Per dozen
0	8"	17"	\$14.00

## OSTRICH FEATHER DUSTERS



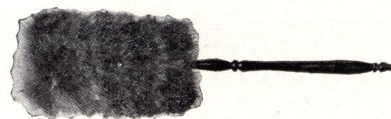
238.

Genuine African Ostrich feathers. A very soft long wearing duster.

No.	Length of Duster	Per dozen
80	8"	\$12.00
90	9"	18.00
100	10"	22.50
212	12"	33.75
214	14"	41.25
216	16"	45.00

Nos. 214 and 216 are fine automobile dusters. Positively will not scratch or mar the finest finish.

## FLAT WOVEN DOWN DUSTERS



239.

Flat woven down dusters are a great favorite in stores for getting into narrow spaces between boxes on shelves and in corners inaccessible to other dusters. They gather the dust and when full may be beaten clean, and are so soft that they cannot mar the most highly finished surface. Recommended for automobile dusting.

No.	Face of Duster	Length of Handle	Per dozen
16	6½"x10"	16"	\$24.00
2	6½"x10"	16"	36.00

## DUSTLESS DUSTERS

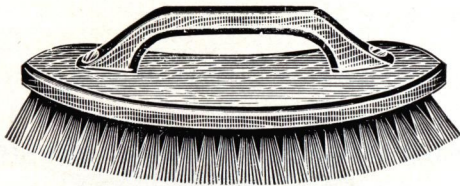


240.

Soft Black cotton; chemically treated to pick up and hold the dust. Black lacquered handles.

No.	Length of Handle	Length Overall	Per dozen
1	7"	16"	\$ 7.20
4	10"	22"	10.80

## STOVE BRUSHES



241.

Black fibre bristles. Solid block.

No.	Length of Fibre	Size of Block	Per dozen
261	1 3/8"	2 5/8" x 9 1/4"	\$4.40

## MOULDERS' HARD BRUSHES



242.

Staple set Gray Tampico fibre bristles. Solid blocks.

No.	Size of Block	Length of Fibre	Per dozen
4	2 1/8" x 8 3/4"	1 1/4"	\$4.65

## MOULDERS' SOFT OR DUST BRUSHES



243.

Wire drawn soft Gray horse hair. Two piece blocks.

No.	Size of Block	Rows Wide	Length of Hair	Per dozen
5	1 5/16" x 8 1/2"	4	2 3/4"	\$8.25
6	1 1/16" x 8 1/2"	5	2 3/4"	9.00

## MOULDERS' SOFT OR DUST BRUSHES



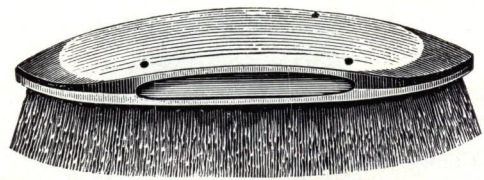
244.

Wire drawn. Best Black Chinese bristles. Solid blocks. A very soft brush.

No.	Size of Block	Rows Wide	Length of Hair	Per dozen
7	1 3/4" x 9"	5	2 5/8"	\$27.00

For moulders wire brushes see page 37, fig. 282.

## DANDY HORSE BRUSHES

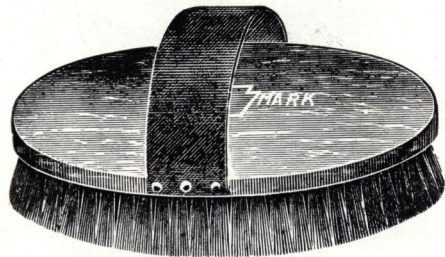


245.

Extra quality and finish. Solid backs. Varnished blocks.

No.	Material	Size of Block	Per dozen
58	Bass	2 5/8" x 9"	\$3.40
30	Whisk	2 3/4" x 10"	5.50
40	Whisk	3 1/8" x 9 3/4"	6.45
60	Superfine Whisk	2 7/8" x 8 7/8"	8.10
Quillwill	Quill mixture	2 5/8" x 8 3/4"	9.20

## HORSE BODY BRUSHES

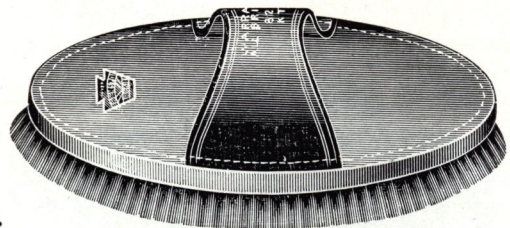


246.

Medium quality, solid back, oval trimmed face.

No.	Material	Size of Block	Per dozen
9	Grey centre White edge	4" x 8 1/4"	\$5.50

## LEATHER BACK HORSE BODY BRUSHES



247.

Same style as No. 9, except pure Black bristles drawn into solid leather back.

No.	Material	Per dozen
3022	Black bristles	\$36.00

## SPOKE BRUSHES



248.

Single Type

Twisted in wire. Plain hardwood handles.

No.	Material	Per dozen
18	White Tampico	\$ 7.50
*19	Black hair	6.50
21	Black hair	10.50
22A	Best stiff bristles	18.75

\*19—For wire spoke wheels.

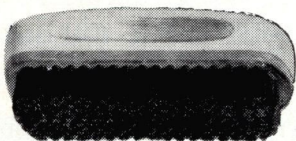
## PRINTERS' PLATE BRUSHES



<b>249.</b> Black Chinese bristles.			
No.	Size of Block	Length of Hair	Per dozen
2	1 7/8" x 4 1/4"	7/8"	\$6.75

<b>250.</b> Yellow Russian bristles. Hand wire drawn.			
No.	Size	Length of Hair	Per dozen
3	1 7/8" x 4 1/4"	7/8"	\$10.50

## PRINTERS' BENZINE BRUSH



<b>251.</b> Gray fibre. Roached back.			
No.	Size of Block	Length of Hair	Per dozen
4	2 1/8" x 5 3/8"	7/8"	\$7.50

## PRINTERS' OIL BRUSHES



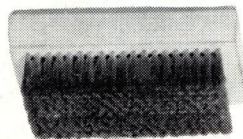
<b>252.</b> Gray fibre bristles. Flat back.			
No.	Size of Block	Length of Hair	Per dozen
6	3" x 6"	7/8"	\$8.00

## PRINTERS' LYE BRUSH



<b>253.</b> White fibre bristles. Solid blocks.			
No.	Size of Block	Length of Material	Per dozen
46 Without handle	3 1/4" x 8 1/2"	1"	\$6.75
47 With handle	3 1/4" x 8 1/2"	1"	7.50
48 Without handle	4" x 9"	1"	7.50
49 With handle	4" x 9"	1"	9.00

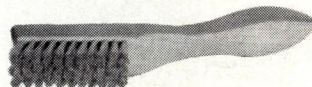
## FINE BRASS WIRE BRUSHES



<b>254.</b> Hand wire drawn.			
No.	Gauge of Wire		Per dozen
808D-3	.003"		\$30.00
808D-4	.004"		27.00
Used for cleaning electrotypes. Will not scratch.			

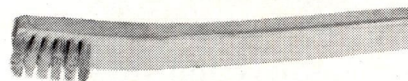
## BRUSHES FOR DRY CLEANERS AND LAUNDRIES

### SMALL SPOTTING BRUSHES



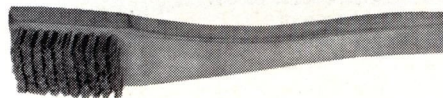
<b>255.</b> Pure bristles, wire drawn.			
No.	Rows	Bristles	Per dozen
1	5x11	Stiff Black	\$8.25
2	5x11	Stiff White	9.00

### SMALL SPOTTING BRUSHES



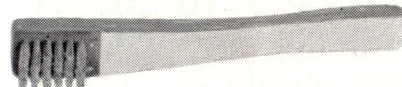
<b>256.</b> Pure bristles, wire drawn. Curved shape.			
No.	Rows	Bristles	Per dozen
3	4x6	Stiff Black	\$7.20
4	4x6	Stiff Yellow	7.80

### MEDIUM SIZED SPOTTING BRUSHES



<b>257.</b> Pure bristles, staple set. Curved shape.			
No.	Rows	Bristles	Per dozen
5	8x10	Stiff Black	\$15.50
6	8x10	Stiff White	16.50

### SMALL SPOTTING BRUSHES

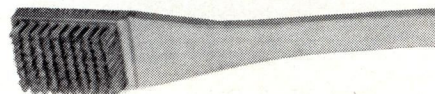


<b>258.</b> Pure Bristles set in non-warping "Celoron" face.			
No.	Rows	Bristles	Per dozen
7	5x6	Stiff Black	\$ 8.00
8	5x6	Stiff Yellow	9.00
9	5x6	Stiff Black	12.50
10	5x9	Stiff Yellow	13.50

### 259. MEDIUM SIZED SPOTTING BRUSHES

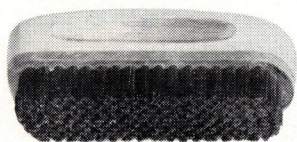
Pure bristles set in non-warping "Celoron" face.			
No.	Rows	Bristles	Per dozen
11	8x10	Stiff Black	\$18.00
12	8x10	Stiff Yellow	18.75

### LARGE SIZED SPOTTING BRUSHES



<b>260.</b> Pure bristles set in non-warping "Celoron" face.			
No.	Rows	Bristles	Per dozen
13	9x12	Stiff Black	\$22.50
14	9x12	Stiff Yellow	24.00

## BRUSHES FOR DRY CLEANERS AND LAUNDRIES BENZINE BRUSHES



**261.**  
Pure Black bristles set in non-warping "Celoron" face.

No.	Size of Block	Length of Bristles	Per dozen
15	2 1/8" x 4 1/2"	5/8" Medium Stiff	\$16.50
16	2 1/8" x 4 1/2"	5/8" Stiff	18.00

**262. BENZINE BRUSHES**  
Pure bristles set in non-warping "Celoron" face.

No.	Size of Block	Length of Bristles	Per dozen
17	2 1/2" x 5 1/2"	5/8" Medium stiff Black	\$33.00
18	2 1/2" x 5 1/2"	" Stiff Black	37.50
19	2 1/2" x 5 1/2"	3/4" Medium stiff White	33.00

## LARGE BENZINE BRUSHES



**263.**  
Pure Stiff Black bristles set in non-warping "Celoron" face.

No.	Size of Block	Length of Bristles	Per dozen
20	2 3/4" x 7"	3/4"	\$48.00

## VELVET BRUSH



**264.**  
Medium stiff. Pure Black bristles.

No.	Size of Block	Length of Bristles	Per dozen
21	1 5/8" x 7 1/2"	1 1/4"	\$18.75

## BRASS WIRE CENTER VELVET BRUSH



**265.**  
Three rows of fine brass wire in centre. Pure bristle edge.

No.	Size of Brush Part	Length of Bristles	Per dozen
22	1 3/8" x 4 3/4"	1"	\$22.50

## DRY CLEANING INSPECTOR'S BRUSH



**266.**  
Pure White bristles.

No.	Length of Bristles	Per dozen
23	7/8"	\$5.40

## HATTERS' WET BRUSHES



**267.**  
Best Black hair, flared at ends.

No.	Size of Block	Length of Bristles	Per dozen
24	2 5/8" x 5"	7/8"	\$22.50

## FIBRE PLATE BRUSHES Shoe Handle



**268.**  
Wire drawn, White Tampico.

No.	Rows	Size of Block including Handle	Per dozen
30	3	1" x 10"	\$4.75
40	4	1 1/8" x 10"	5.00

**269. BRASS WIRE PLATE BRUSHES**  
Wire drawn, fine brass wire.

No.	Length of Material	Size of Block	Gauge of Wire	Per dozen
3101	1"	1" x 10"	.005	\$15.00

## FIBRE PLATE BRUSHES Straight Handle



**270.**  
Staple set, White Tampico. Tapered handles.

No.	Rows	Size of Block including Handle	Per dozen
1	4	1 1/4" x 12"	\$1.95
2	5	1 1/2" x 12"	2.20

## FIBRE PLATE BRUSHES Curved Handle



**271.**  
Staple set, White Tampico. Curved handles.

No.	Rows	Size of Block including Handle	Per dozen
4	2	5/8" x 13"	\$2.25
6	3	7/8" x 13"	2.50
8	4	1 1/8" x 13"	2.75

## 272. BRISTLE PLATE BRUSHES Curved Handle

Wire drawn, stiff Gray Russian bristles.

No.	Rows	Size of Block including Handle	Per dozen
21	1	1/2" x 13"	\$ 6.50
22	2	5/8" x 13"	7.50
23	3	7/8" x 13"	9.00
24	4	1" x 13"	10.80

## FOURDRINIER WIRE SCREEN BRUSHES



273.

Wire drawn, brass wire.

No.

1399J

Per dozen

\$15.00

We also make Screen brushes of nickle silver or stainless steel wire to order.

## WIRE DUSTING BRUSHES

Fine round steel wire



274.

Useful for cleaning picture mouldings, carved woodwork, etc. A special use for which it is well adapted is the cleaning of waffle irons.

No.	Size of Block	Length of Wire	Per dozen
549-J	1 1/4" x 2 1/2"	2 3/4"	\$10.20

## WIRE SCRATCH BRUSHES

Curved handle



275.

Fine round steel wire. Solid blocks and handles. Wire 1 1/4" long.

Suitable for cleaning architectural iron work, figured brass and finished castings. They are largely used in brazing and for file cleaning. Also effective for cleaning in small spaces and grooves of mouldings, etc.

No.	Rows of Wire	Size of Block including Handle	Gauge of Wire	Per dozen
200	1	3/8" x 1 1/4"	.012	\$2.85
201	2	5/8" x 1 1/4"	.012	3.00
202	3	7/8" x 1 1/4"	.012	3.30
203	4	1 1/8" x 1 1/4"	.012	4.00

## WIRE SCRATCH BRUSHES

Shoe handle



276.

Fine round steel wire. Solid blocks and handles. Wire is 1 1/4" long.

A handy brush for the carriage maker. Also useful for cleaning iron pots, stoves, etc.

No.	Rows of Wire	Size of Block including Handle	Gauge of Wire	Per dozen
204	2	5/8" x 1 1/2"	.012	\$3.00
205	3	7/8" x 1 1/2"	.012	3.30
206	4	1 1/8" x 1 1/2"	.012	4.00

Any of the above can also be made to order in fine steel or brass wire. Prices on application.

We also make Platers' brushes of Tampico fibre and Brass wire. See page 35.

## FILE CARD CLEANERS



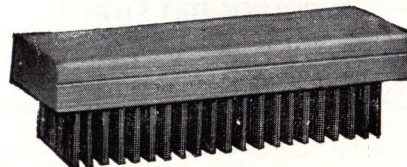
277.

Card wire on cotton backing. Plain hardwood blocks.

No.	Size of Brush Part	Gauge of Wire	Per dozen
218	1 3/4" x 4"	.012	\$4.40
219	1 3/4" x 4 3/4"	.012	5.00

## WIRE SCRATCH BRUSHES

Straight



278.

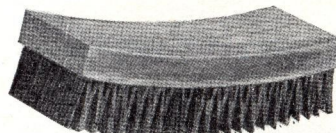
Fine round steel wire. Solid hardwood backs.

For cleaning or removing blisters from painted woodwork. Also useful for removing rust or scale from iron tanks, stoves, etc.

No.	Size of Block	Length of Wire	Gauge of Wire	Per dozen
210	2 1/8" x 7"	7/8"	.014	\$ 4.75
208	2 1/8" x 7 1/4"	1 3/4"	.012	5.30
207	2 5/8" x 7 3/4"	1 5/8"	.014	11.00

## WIRE SCRATCH BRUSHES

Curved



279.

Fine round steel wire. Solid hardwood backs.

Curved face brushes are often preferred because of the greater leverage this shape gives. They are useful for removing paint, varnish or wax from hardwood floors, and for cleaning and preparing varnished or painted surfaces for refinishing.

No.	Size of Block	Length of Wire	Gauge of Wire	Per dozen
211	2 1/4" x 7"	1 1/4"	.012	\$5.75
209	2 3/4" x 7 1/4"	1 3/4"	.012	7.20

## WIRE BUTCHER BLOCK BRUSHES

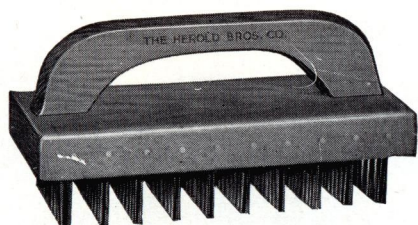


280.

High quality tempered flat steel wire. Very stiff. Solid hardwood blocks. For cleaning butchers' blocks. Also used for removing adhered concrete from forms and for similar work requiring a very stiff brush.

No.	Size of Block	Length of Wire	Gauge of Wire	Per dozen
220	2 5/8" x 7 3/4"	1"	.020x.100	\$4.00
222	2 5/8" x 7 3/4"	1 1/4"	.020x.100	4.40
223	2 5/8" x 7 3/4"	1 1/2"	.020x.100	4.60

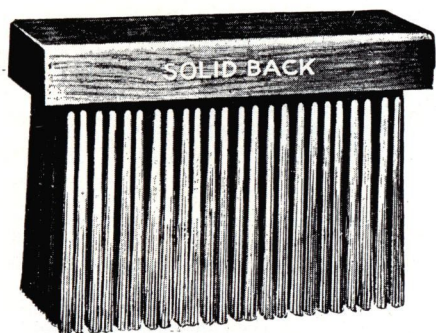
## WIRE BUTCHER BLOCK BRUSHES Handled "Jumbo" Pattern



281.

No.	Size of Blocks	Length of Wire	Gauge of Wire	Per dozen
228	3 3/4" x 9"	1"	.020 x .100	\$8.60

## STEEL WIRE CASTING BRUSHES



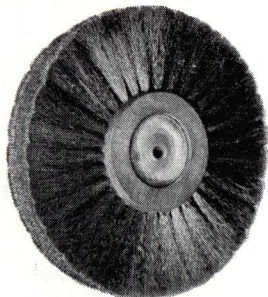
282.

High quality tempered flat steel wire. Solid hardwood blocks.

No.	Wire	Length of Wire	Gauge of Wire	Per dozen
241	4" x 10"	3"	.017 x .059	4.60
242	4" x 10"	4"	.017 x .059	6.00
244	5" x 10"	2"	.017 x .059	5.50
246	5" x 10"	3"	.017 x .059	6.00
247	5" x 10"	4"	.017 x .059	6.60
248	5" x 10"	5"	.017 x .059	8.00
246B	5" x 10"	3"	.017 x .059	8.00
247B	5" x 10"	4"	.017 x .059	8.60
248B	5" x 10"	5"	.017 x .059	9.90

The Nos. 246B, 247B and 248B have metal bridles on ends. For foundry use, also suitable for cleaning stone work and removing old paint and rust.

## FINE WIRE WHEEL BRUSHES



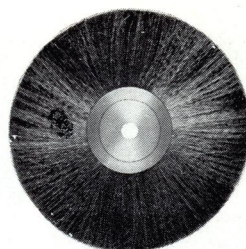
283.

Wire drawn. Made of brass, nickel silver or steel wire.

When ordering state size of shaft hole and kind and gauge of wire desired. Gauges regularly carried in stock are as follows:

Brass.....	Gauges .003, .004, .005
Nickel Silver.....	Gauges .005
Steel .....	Gauges .003, .005, .008

## LEAD CENTER STEEL WIRE WHEEL BRUSHES



284.

### Crimped Steel Wire

This line of lead center wheels is regularly made from 2" to 5" diameter. Suitable for use with light stationary, portable or flexible shaft equipment.

No.	Gauge of Wire	Diameter	Face Width	Per dozen
142	.012	2"	3/4"	\$12.60
0143	.006	3"	3/4"	13.80
143	.012	3"	3/4"	12.60
0144	.006	4"	3/4"	16.40
144	.012	4"	3/4"	13.50
0145	.006	5"	3/4"	26.40
145	.012	5"	3/4"	16.40

When ordering state size of arbor hole required.

## "UNIVERSAL" STEEL WIRE WHEEL BRUSHES

285.



Illustration shows  
construction of Sizes,  
10" to 15" diameter

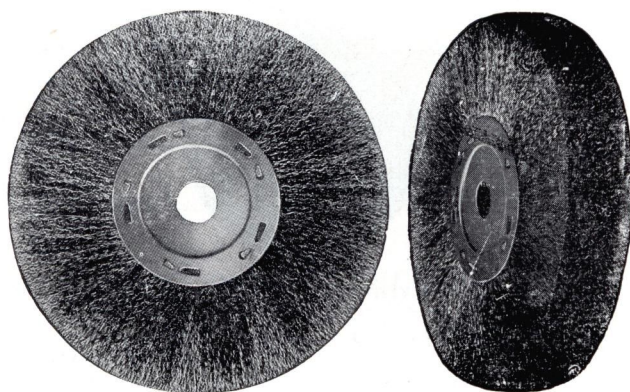
Illustration shows Construction of  
Sizes up to 8" diameter

"UNIVERSAL" wire wheel brushes are constructed with a standard 2" opening into which adapters with desired size arbor hole are inserted. These brushes are suitable for all kinds of heavy duty buffing and cleaning or for garage and repair shop use.

No.	Gauge of Wire	Diameter	Face Width	Per dozen
0126	.006	6"	1"	\$42.60
126	.012	6"	1"	30.00
128	.012	8"	1 1/2"	42.60
130	.012	10"	1 3/4"	69.00
132	.012	12"	2"	82.80

When ordering state size of arbor hole required.

## "SUCCESS" STEEL WIRE SECTIONS



Single Section

Built-up Wheel

No Hubs required.

286.

Each "SUCCESS" section is a complete brush in itself and can be mounted directly on the shaft, when it is ready for operation.

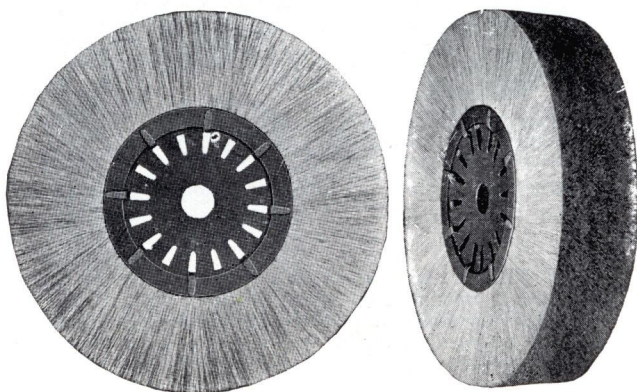
A brush of any face width can be built up by simply placing on the shaft the required number of sections.

No.	Gauge of Wire	Diameter	Standard Arbor Holes	Per Section
77	.012	4"	1/2"	\$0.60
76	.012	5"	1/2"	.65
75	.009	6"	1/2-5/8-3/4"	.70
73	.009	8"	5/8-3/4"	1.00
72	.011	10"	3/4-1"	1.20
71	.012	12"	1-1 1/4"	1.40

The above sizes, wire gauges and arbor holes are regularly carried in stock. However, sections made up in any other gauge wire or size arbor hole, can be made to order.

Also supplied to order in brass wire.

## TAMPICO WHEEL BRUSH SECTIONS



Single Section

Built-up Wheel

287.

Supplied in diameters 7", 8", 10", 14" and 16".

When ordering state size of arbor hole desired.

Prices on application.

## "ELECTRA-WELD" STEEL WIRE WHEEL BRUSHES

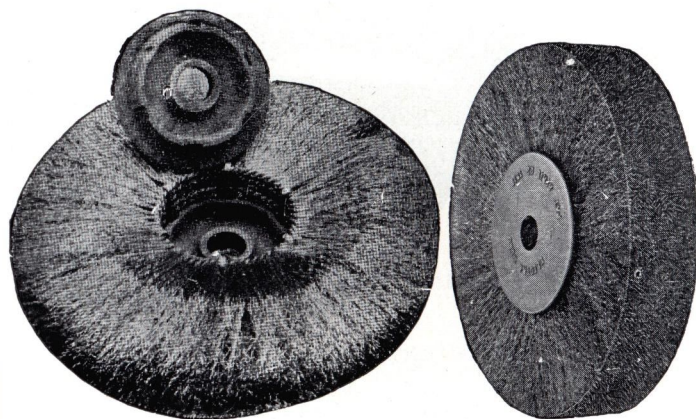


Illustration shows brush with one half of cast steel hub in position and the other ready to be fitted into place. "Electra-Weld" brushes come ready to be fitted to the hubs. The hubs being interchangeable it is not necessary to reorder them when replacing worn out brushes.

Refill and hub ready for use.

288.

"ELECTRA-WELD" wire wheel brushes are made up of several sections of specially tempered steel wire, the wires being twisted in a binding strand of two heavy wires bent in the form of a wheel with the ends electrically welded, making a continuous circle of great strength.

The sections are then assembled side by side, as many sections as are necessary to make up the various face widths as shown hereunder, and securely locked into position by means of clinched steel clamps. The steel hubs used to complete the brush for use come in two parts and have their inner flanges grooved to engage the steel clamps holding the brush sections together. These hubs can be removed from worn brushes and used again.

"ELECTRA-WELD" wire wheel brushes meet the requirements of automobile manufacturers, tire factories, foundries, tire repairing shops, garages, brass shops, and for roughing or finishing all types of metal products.

No.	Wire Gauge	Diameter	Width of Face No. of Sections	Per dozen
64	.012	4"	3	\$19.80
65	.012	4"	4	26.40
66	.012	5"	3	19.80
67	.009	5"	4	27.00
68	.012	5"	4	26.40
69	.012	6"	4	30.00
70	.009	8"	4	39.60
71	.012	8"	4	40.80
72	.012	10"	5	63.36
73	.012	12"	5	71.28
74	.012	15"	6	96.00

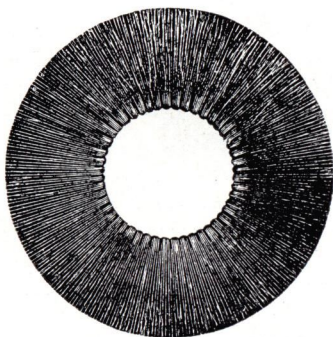
## HUBS FOR "ELECTRA-WELD" WIRE WHEEL BRUSHES

289

No.	For Brush Diameters	Per pair
67	Pressed steel 4" and 5"	\$ .40
61	Pressed steel 6" and 8"	.40
42	Cast Steel 10" and 12"	2.35
21	Cast Steel 15"	3.10

Hubs not supplied unless specified on order. When ordering, state size of arbor hole desired.

## "SUPERIOR" STEEL WIRE REFILLS FOR ECONOMY HUBS



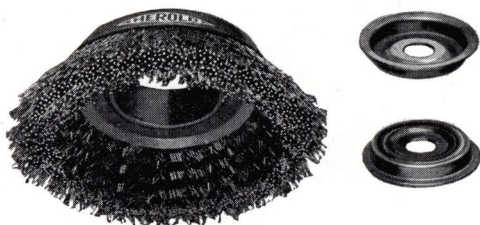
290.

"SUPERIOR" Steel Wire Refills are similar in style to "ELECTRA WELD" brushes, except that they are made to fit "Economy" regular or interlocking type hubs. As they are only loosely held together with wire for convenience in shipping, and not bound together with flat steel clamps like "ELECTRA-WELD" Brushes, they will not fit "ELECTRA-WELD" hubs.

No.	Diameter of Sections	Sections Per Set	Gauge of Wire	Fit Hub Nos.	Per Set
42	10"	5	.0095	54C	\$5.25
33	12"	5	.012	53C	5.95
21	15"	6	.012	50C	8.00

Also furnished in other sizes and wire gauges to order.

## "SUPERIOR" STEEL WIRE CUP BRUSHES



291.

High strain steel wire, crimped.

No.	Diameter	Gauge of Wire	Per dozen
390	4"	.014	\$30.00
389	4"	.020	30.00
387	4"	.037	28.35
400	6"	.014	60.00
399	6"	.020	58.20
397	6"	.037	54.00

"SUPERIOR" cup brushes have standard 2" opening. One pair of adapters with arbor hole as specified furnished with each brush.

## INGALL'S COMBINATION BOILER TUBE SCRAPER AND BRUSH



292.

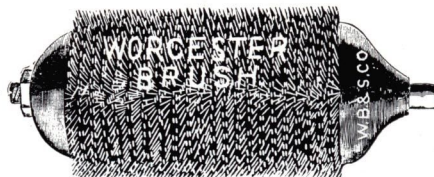
No. 5

The best known and most widely used boiler tube scraper on the market.

Adjusts itself to conform to the inside of the tube.

No.	Made to fit tubes from	Per inch of Diameter
5	1½ to 6"	\$1.25

## WORCESTER FLUE BRUSH



293.

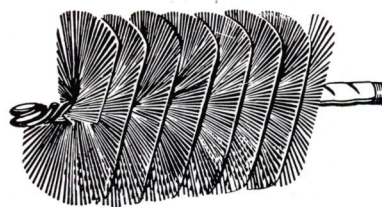
No. 6

Made of flat tempered steel wire with castings on each end to support the wires, making it strong and serviceable.

All wires are securely fastened and cannot come out.

No.	Made to fit tubes from	Per inch of Diameter
6	1½ to 6"	\$0.60

## OVAL SPIRAL STEEL BRUSH



294.

No. 49

A very substantial brush, made of tempered flat steel wire. Used extensively on Ideal, Capitol, Continental and other makes of boilers.

No.	Size	Per dozen
49-1	1 3/8" x 3 1/4" x 4"	\$10.80
49-2	2" x 3 3/4" x 5"	12.60
49-3	2 3/4" x 4 1/2" x 6"	13.80

## HARD SPIRAL FLUE BRUSH



295.

No. 50

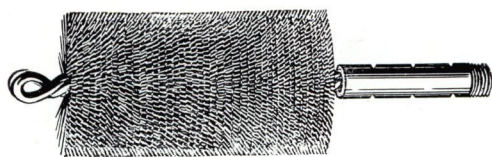
Made of tempered flat steel wire.

A very stiff brush thoroughly twisted.

Adapted for tubes from which heavy accumulations must be removed.

No.	Made to fit tubes from	Per inch of Diameter
50	1 1/4" to 6"	\$0.25

## FINE ROUND WIRE BOILER TUBE BRUSHES



296.

No. 51

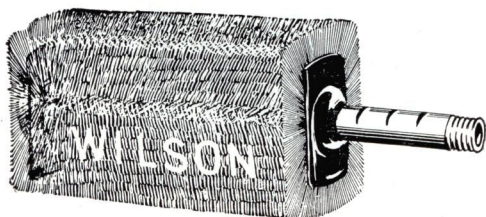
Fine round steel wire. Short gas pipe handles, threaded on end.

No.	Outside Diameter of Boiler Tubes	Actual Diameter of Brushes	Per dozen
1 1/4	1 1/4"	1"	\$ 6.00
1 1/2	1 1/2"	1 1/4"	6.00
1 3/4	1 3/4"	1 1/2"	6.00
2	2"	1 3/4"	6.00
2 1/4	2 1/4"	2"	6.75
2 1/2	2 1/2"	2 1/4"	7.50
2 3/4	2 3/4"	2 1/2"	8.25
3	3"	2 3/4"	9.00
3 1/4	3 1/4"	3"	9.75
3 1/2	3 1/2"	3 1/4"	10.50
3 3/4	3 3/4"	3 1/2"	11.25
4	4"	3 3/4"	12.00
4 1/4	4 1/4"	4"	12.75
4 1/2	4 1/2"	4 1/4"	13.50
5	5"	4 3/4"	15.00
6	6"	5 3/4"	18.00

The brush number corresponds to the outside diameter of the boiler tube, as tubes are usually measured by the outside diameter, e.g. A 2-inch brush will fit a 2" boiler tube which is approximately 1 3/4" diameter inside, and the actual diameter of the brush will be 1 3/4".

When ordering always give either the number or the exact diameter of the brush wanted, and to avoid error mention which is given.

## WILSON HEATER BRUSHES

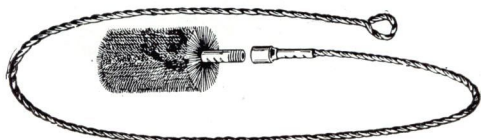


297.

An extra heavy wire brush with steel plate reinforcements on each end.

No.	Length	Width	Thickness	Per dozen
1	6"	4"	2"	\$24.00
2	6"	4 1/2"	2 1/2"	24.00
3	6"	5"	3"	24.00

## ROUND WIRE FLUE BRUSHES

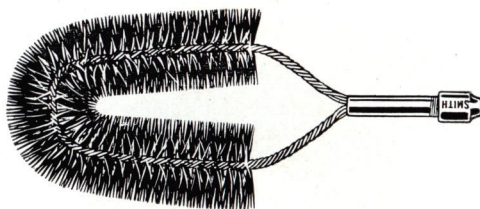


298.

Fine round wire twisted into a flexible wire handle. For hot air furnaces. Same as shown except brush and handle all one piece.

Price on application.

## HOT WATER FURNACE BRUSHES Loop Type



299.

No.	Per dozen
Viking 1 3/8—2 Body Wires.....	\$ 7.20
Viking 1 3/4—2 Body Wires.....	7.80
Vulcan 1 3/8—4 Body Wires, extra full.....	12.60
Vulcan 1 3/4—4 Body Wires, extra full.....	13.20
Long handles for above, round black iron.....	4.20

300.

## CHIMNEY BRUSHES

Any size to order. Made of steel or brass wire.

## CORN BROOMS



301.

Selected corn.

The lines listed here are best for office or household use. The Elgin is a high grade line and will give far more wear than any cheap broom.

No.	Cords	Quality	Per dozen
Ideal	5	Good	\$11.50
Elgin	5	Fine	13.20

## WAREHOUSE AND FACTORY BROOMS

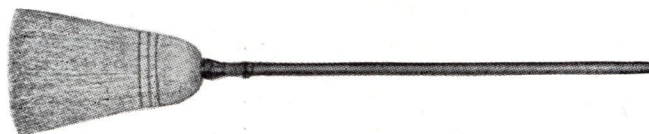


302.

Best Strong corn. Heavy handles. Plain finish.

No.	Cords	Quality	Per dozen
Ex. Warehouse	5	Best	\$12.25
1 Cable Special	1 wire band and 3	Best	10.50

## CORN CEILING BROOMS

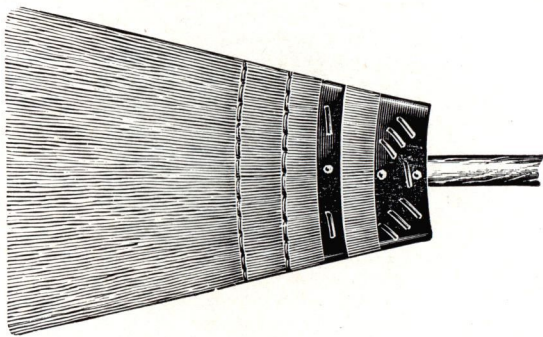


303.

Well made, long wood handles.

No.	Quality	Length of Head	Length of Handle	Cords	Per dozen
6	Good	12"	6 ft.	2	\$10.25
8	Good	12 1/2"	8 ft.	2	12.00

## METAL CASED CORN FACTORY BROOMS



304.

These brooms are strongly reinforced with heavy bands, securely nailed. By this method of construction, it is impossible for them to work loose on the handles or to shed corn. They last longer and give better service than ordinary wire bound brooms. The shoulders being so strongly protected saves the corn from being damaged or broken when sweeping around machinery. They will keep their shape until worn out.

### All Corn

No.		Per dozen
2503	2 cords and metal band	\$12.75

### 305. Bamboo Center

Same construction as metal cased all corn broom No. 2503, except this type is made with a split bamboo center with corn on the outside.

Suitable for factories, cement mills, machine shops, etc., where a strong heavy broom is required.

No.		Per dozen
2513	2 cords and metal band	\$12.25

## "TITAN" FIBRE BROOM

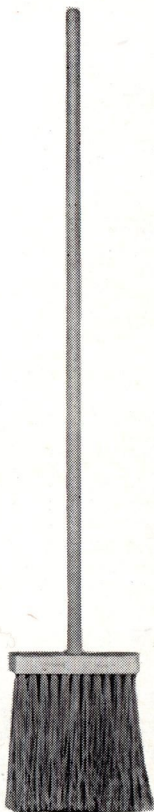
306.

For general heavy duty use. Especially recommended for handling snow and for road repair work.

No.  
Titan

Length of material  
9 $\frac{3}{4}$ "

Per dozen  
\$13.75



Titan

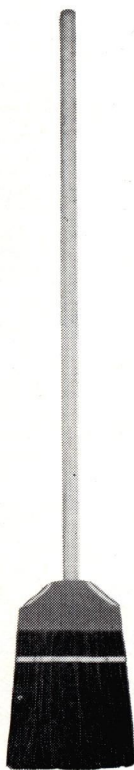
## "HESCO" BASS FIBRE BROOMS

307.

Very strongly made. Especially suitable for heavy use and where floors are continually wet.

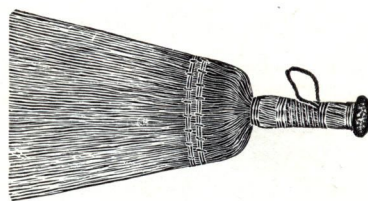
The Hesco is also an efficient and economical track and switch broom.

No.	Per dozen
Hesco	\$18.00



Hesco

## CORN WHISKS

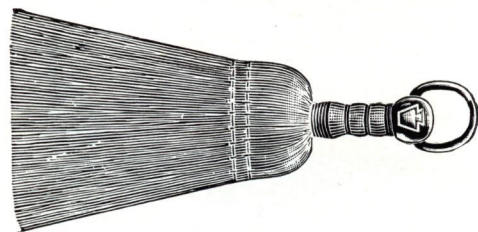


308.

Wire bound. Length given is from the shoulder down.

No.	Quality	Length	Strings	Per dozen
923	Wood handle Common	7 $\frac{1}{2}$ "	2	\$3.10
905	Nickel caps Common	6"	2	3.00
908	Nickel caps Common	7"	3	3.75
921	Plush caps Finest	5"	2	4.20
1057	Plush caps Good	9"	3	7.50

## RING TOP CORN WHISKS

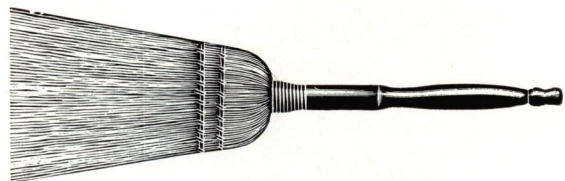


309.

Corn handles. Wire bound. Nickel tops with strong ring. Length given is from the shoulder down.

No.	Quality	Length	Strings	Per dozen
1078	Common	6 $\frac{1}{4}$ "	2	\$3.40
1079	Good	7"	2	3.75
1080	Good	8"	3	4.70
1038	Finest	6"	2	4.70
1039	Finest	7"	2	5.25
1040	Finest	8"	3	6.30
1041	Finest	8 $\frac{1}{2}$ "	4	7.20

## STAIR WHISKS



310.

Long Black handles.

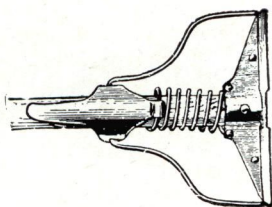
No.	Quality	Length of Head	Length of Handles	Strings	Per dozen
1063	Good	8"	9 $\frac{1}{2}$ "	2	\$4.40

## 311. EBONY HANDLED CORN WHISKS

Finest quality. Ebony finish handles. Suitable for whisk holders or to match ebony brush sets.

No.	Quality	Length	Strings	Per dozen
958	Finest	4 $\frac{3}{4}$ "	2	\$5.60
959	Finest	5"	2	6.00
963	Finest	6 $\frac{1}{2}$ "	2	7.00

## SPRING MOP STICK

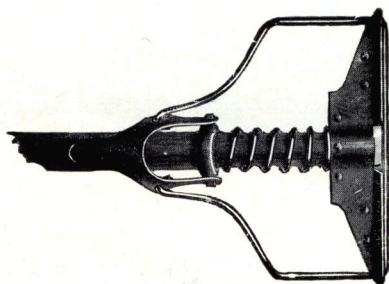


**312.**

Two-piece stamped steel head, 6 inches wide. All metal parts copper finish.

No.	Length of Handle	Diameter of Handle	Per dozen
6	48"	15/16"	\$3.60

## JANITOR SPRING MOP STICK



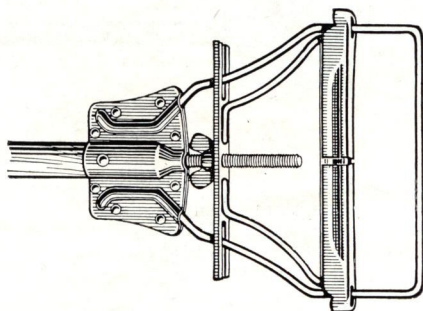
**313.**

Two-piece stamped steel head, 7 inches wide. All metal parts galvanized.

No.	Length of Handle	Diameter of Handle	Per dozen
11	54"	1 1/8"	\$7.50

A strong, durable mop stick, suitable for large buildings, factories, etc.

## HEAVY JANITOR MOP STICK



**314.**

Extra heavy and strong. Has adjustable thumb-screw. Head is 7 inches wide. All metal parts heavily galvanized. The right mop stick for larger size mop heads.

No.	Length of Handle	Diameter of Handle	Per dozen
14	54"	1 1/8"	\$13.50

## "BEAVER" FLAT MOP HEADS



**315.**

Gray cotton.

Size	Ply	Per dozen
16 oz.	3	\$ 5.20
20 oz.	3	6.50
24 oz.	3	7.75
28 oz.	3	9.10
32 oz.	3	10.35

## 316. "HESCO" FLAT MOP HEADS

Medium coarse White yarn.

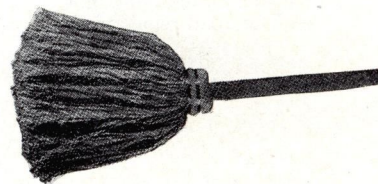
Size	Ply	Per dozen
16 oz.	8	\$6.05
20 oz.	8	7.60
24 oz.	8	9.10
28 oz.	8	9.90
32 oz.	8	12.10

## 317. "HARD STRING" FLAT MOP HEADS

Strong White twine, well twisted.

Size	Ply	Per dozen
16 oz.	8	\$ 7.20
20 oz.	8	9.00
24 oz.	8	10.80
28 oz.	8	12.60
32 oz.	8	14.40

## ROUND YACHT MOPS "Ideal"



**318.**

Best white cotton.

No.	Ply	Size of Handle	Per dozen
3	3	15/16"x54"	\$ 3.50
4	3	15/16"x54"	4.10
5	3	15/16"x54"	4.70
6	3	15/16"x54"	5.60
7	3	1 1/8"x60"	7.10
8	3	1 1/8"x60"	8.25
9	3	1 1/8"x60"	9.00
10	3	1 1/8"x60"	10.20

## 319. ROUND YACHT MOPS "Extra"

Strong Hard String well twisted.

No.	Ply	Size of Handle	Per dozen
4	8	15/16"x54"	\$ 7.85
5	8	1 1/8"x60"	10.50
6	8	1 1/8"x60"	11.80
7	8	1 1/8"x60"	13.50
8	8	1 1/8"x60"	15.50

## KNITTED MOP OR FLOOR CLOTHS



320.

No.	Per dozen
2.....	\$2.25
1 Special.....	3.00
3 Extra large.....	3.25

## 321. DORSET CLOTHS Open Mesh

For washing floors, woodwork, etc. Also suitable as a dish cloth.

No.	Size	Per dozen
TS103	19"x19"	\$1.60

## 322. TWILL FLOOR CLOTHS

For washing floors, woodwork, etc. Made of strong cotton twill.

No.	Size	Per dozen
TS12	18"x23"	\$2.00

## "WHITE" MOP WRINGERS



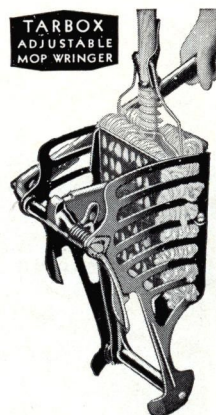
323.

Black enamelled pressed steel.

Can be attached to any bucket. 16 to 1 leverage.

No.	For Mops	Per dozen
114	8 to 16 ozs.	\$48.00
1	16 to 20 ozs.	56.80
0	20 to 32 ozs.	67.00

## "TARBOX" ADJUSTABLE MOP WRINGER



324.

Wide open free drainage on front, back and sides allows all the water wrung out of mop to escape at once into the pail. No splash. Rust-resisting, rugged, malleable iron construction—heat treated steel springs—steel handle. Built to wear. Simple adjustment enables this wringer to take all sizes of mops. Will fit any pail.

No.	Per dozen
Tarbox.....	\$67.00

## WOODEN PAILS



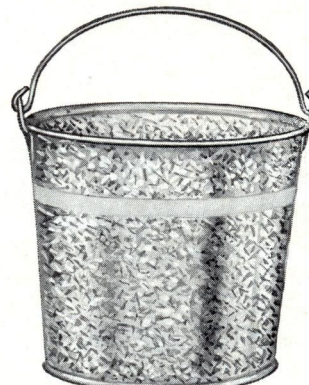
325.

Strongly made with heavy hoops. Staves are  $\frac{3}{4}$ " thick. Round iron handle. Handle ears extend down sides and clinch under bottom.

No.	Imperial Quarts	Diameter at Top	Height	Per dozen
JIC-Oak	12	13"	10"	\$24.00
JIC-Cedar	12	13"	10"	24.00
22-Cedar	18	14"	12 $\frac{1}{2}$ "	43.80

Suitable for carrying acids, dye solutions, etc.

## "DUFFERIN" GALVANIZED PAILS Straight Pattern



326.

Best quality. Hot dipped galvanized.

No.	Imperial Quarts	Diameter at Top	Height	Per dozen
12	8	11"	8 $\frac{1}{2}$ "	\$5.40
14	10	11 $\frac{1}{4}$ "	10"	6.95
16	13	11 $\frac{3}{4}$ "	11 $\frac{1}{4}$ "	7.75

## "FLARING PATTERN" GALVANIZED PAILS



327.

Best quality. Hot dipped galvanized.

No.	Imperial Quarts	Diameter at Top	Height	Per dozen
12	8½	11⅞"	9⅝"	\$ 8.20
13	12	13⅞"	10⅞"	9.45
14	14	14"	10¾"	11.40

## "MINTO" GALVANIZED PAILS



328.

Best quality. Hot dipped galvanized.

No.	Imperial Quarts	Diameter at Top	Height	Per dozen
160	13	12½"	10¾"	\$12.24

No. 160

## HEAVY GALVANIZED CONTRACTORS' PAILS



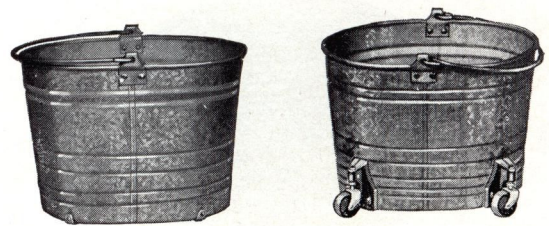
329.

Finest quality. Hot dipped galvanized.

No.	Imperial Quarts	Diameter at Top	Height	Per dozen
16000	13	12"	11"	\$20.40

No. 16000

## OVAL SHAPED MOPPING BUCKETS



Oval shape provides more room for wringer and washing mop.

330.

Made of No. 24 gauge galvanized iron, hand soldered and reinforced with heavy corrugations and iron band and metal corner braces on bottom. Heavy unbreakable malleable cast ears securely rivetted to bucket.

No.	Capacity	Each
16B	16 quart	\$3.25
26B	26 quart	3.75
160	16 quart, with 4 hard rubber casters	6.05
260	26 quart, with 4 hard rubber casters	6.60

## HEAVY GAUGE STEEL MOPPING BUCKETS

Round Type



331.

Capacity 7 Imp. gals., reinforced with steel bands. Hot dipped galvanized finish. High grade swivel type, rubber tired casters. Muffled bail, absolutely noiseless when filled with water.

No.	Each
7-G.....	\$7.00

MOP TRUCK



332.

Carries two No. 26B buckets. See Fig. 330.

No.  
20

Each  
\$10.00

SPONGES



333.

For general cleaning, the cheaper "Grass" sponges are satisfactory, but for washing automobiles and similar work "Sheepswool" sponges should be used. "Sheepswool" sponges are also better for washing off ceilings, as they are tougher and hold more water.

Type	Approx. Number per pound	Per dozen
Grass	8-10	\$ 2.40
Sheepswool Special	8-10	7.50
Sheepswool No. 1	8-10	11.25

CHAMOIS SKINS



334.

Oil tanned English make. Prime quality. Guaranteed free from stitching.

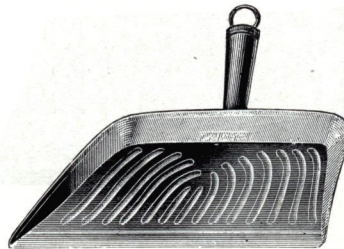
No.	Approx. Size	Per dozen
A-8	18" x 19"	\$15.00
A-10	20" x 21"	18.75
A-12	22" x 23"	23.00
A-14	24" x 25"	28.00

335. GENUINE FRENCH CHAMOIS SKINS  
Finest Quality

Full skin shape. Best for automobile and window washing.

No.	Approx. Size	Per dozen
5009	18" x 30"	\$31.50

DUST PANS



336.

Black japanned, steel edge, heavy gauge metal. Self-levelling.

No.	Width of Blade	Per dozen
Steel edge No. 1	11 3/4"	\$8.25

LONG HANDLED SANITARY DUST PANS



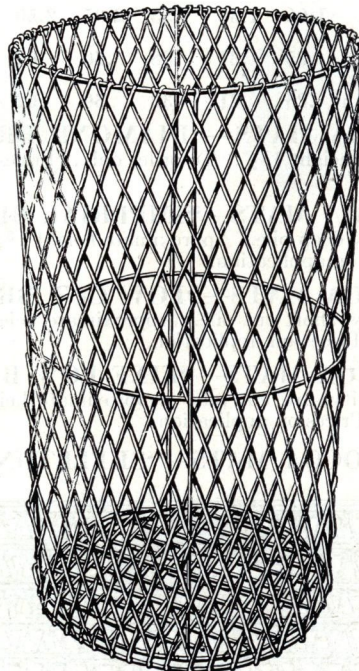
337.

Cover closes automatically when pan is lifted from the floor. Enamelled green.

No.	Width of Blade	Per dozen
90	10 3/4"	\$13.80

Long handled brushes for use with these will be found listed on page 31.

LARGE WIRE WASTE PAPER BASKETS

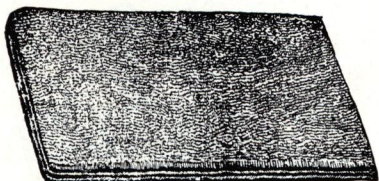


338.

Heavy gauge galvanized wire. Very strongly made. Wire bottom. For paper towels, waste paper, trash, etc.

No.	Height	Top Diam. at	Per dozen
1	26"	16"	\$37.50
2	30"	18"	43.20

## COCOA MATS—LIGHT BRUSH "L"



339.

Medium pile. Approximately 1½" high.

No.	Sizes	Per dozen
2	16" x 27"	\$11.25
3	18" x 30"	14.25

## COCOA MATS—EXTRA HEAVY BRUSH "X"



340.

No.	Sizes	Per doz.	No.	Sizes	Per doz.
2	16" x 27"	\$15.00	7	26" x 42"	\$41.25
3	18" x 30"	18.75	8	28" x 45"	48.75
4	20" x 33"	24.00	9	30" x 48"	56.25
5	22" x 36"	29.25	10	36" x 54"	90.00
6	24" x 39"	35.25			

341.

## COCOA MATTING

Quality	Prices per Yard						
	Widths						
	18"	22½"	27"	36"	45"	54"	72"
No. 7.....	\$0.44	\$0.50	\$0.56	\$0.75	...	...	...
No. 9.....	.50	.56	.62	.81	\$1.06	\$1.38	\$1.94
Calcutta....	.56	.62	.69	.94	1.25	1.50	2.18

## Bindings for Ends

## Prices per end

	Galv'd metal with rivets...	\$0.50	\$0.62	\$0.75	\$0.94	\$1.19	\$1.45	\$1.88
Heavy moulded Rubber.....	.62	.80	.94	1.25	1.55	1.85	2.50	
Lead, 1/16" Sheet.....	1.06	1.30	1.55	2.05	2.50	3.10	4.10	
Jute Webbing Sewn.....	.25	.31	.38	.50	.62	.75	1.00	
Ends turned back and sewn	.25	.31	.38	.50	.62	.75	1.00	

## 342. COCOA MATS—"DIAMOND BRUSH"

Approximate height 1½". To order only. Prices on application.

## 343. COCOA MATS—"IMPERIAL BRUSH"

Extra quality deep pile. Approximate height 1¾". To order only. Prices on application.

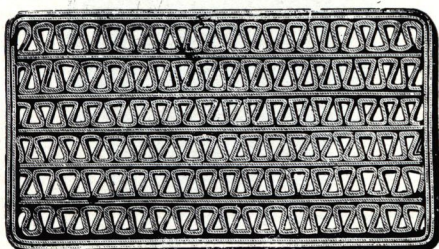
## 344. COCOA MATS—"LOW CUT BRUSH"

Extra quality, short cut pile. Approximate height 1¼". To order only. Prices on application.

## 345. COCOA MATS—"FINE LOW BRUSH"

Highest quality, low cut pile. Approximate height 1". To order only. Prices on application.

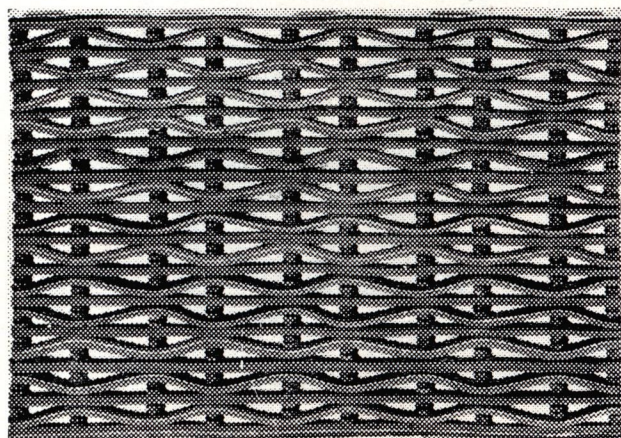
## COCOA MATS—"SKELETON"



346.

Close mesh. Heavy weight. Approximate height 1". To order only. Prices on application.

## STRIP RUBBER MATS



347.

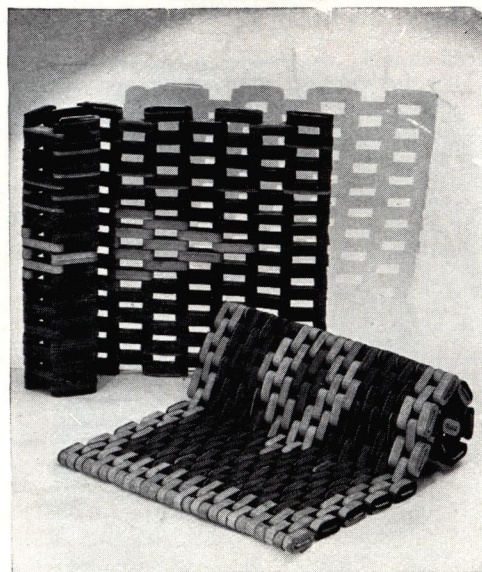
A strong rubber-fibre mat, non-folding. Height Approx. 5/8".

No.	Sizes	Per doz.	No.	Sizes	Per doz.
0	12" x 20"	\$11.25	5	20" x 32"	35.25
1	14" x 22"	14.25	6	24" x 36"	49.50
2	16" x 27"	21.00	7	26" x 42"	62.25
3	18" x 27"	24.75	8	28" x 46"	74.25
4	18" x 36"	33.00	9	30" x 48"	82.50

Special sizes to order \$0.80 per square foot.

## THE IMPROVED "NUWAY" MAT

Roll or fold up.



348.

The improved "Nuway" mat combines all the best features found in rubber, leather or fibre mats with other desired advantages peculiar to itself. Absolutely non-slip whether wet or dry. Will give many years of service even under the most severe conditions.

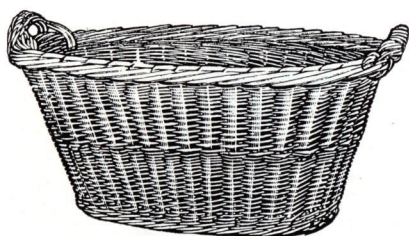
No.	Sizes	Per doz.	No.	Sizes	Per doz.
1	12" x 20"	\$30.00	6	22" x 36"	\$ 99.84
2	14" x 24"	42.00	7	24" x 39"	118.00
3	16" x 27"	54.00	8	26" x 42"	138.00
4	18" x 30"	68.40	9	30" x 48"	180.00
5	20" x 33"	83.28			

Height of the "Nuway" is ¾".

Special sizes and runners to order only, at \$1.56 sq. ft.

Delivery of special sizes made in 3 to 4 weeks.

## OVAL WILLOW CLOTHES BASKETS

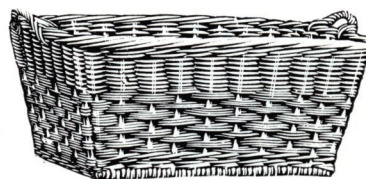


349.

Extra heavy. Selected willow, strongly woven.

No.	Length at Top	Width at Top	Height	Each
3	30"	22"	12"	\$2.75
4	32"	24"	13"	3.00
5	34"	26"	15"	3.25
6	36"	28"	17"	3.50

## SQUARE WILLOW CLOTHES BASKETS

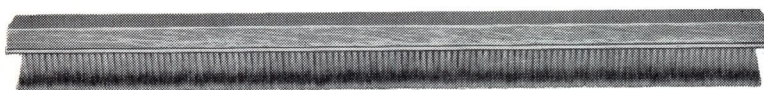


350.

Selected willow, strongly woven.

No.	Length at Top	Width at Top	Height	Each
20	27"	21"	12"	\$3.00
22	30"	23"	12½"	3.50
24	33"	25"	13"	4.00

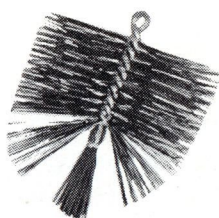
## SPECIAL BRUSHES TO ORDER



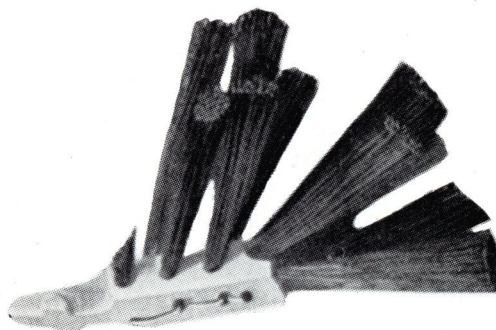
Badger Hair Flat Machine Brush



Cylindrical Brushes  
All lengths and diameters



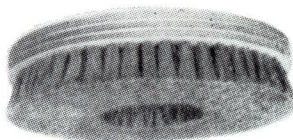
Machine Bottle Washing Brushes  
Every type and size



Bottle Washing Brushes



Goblet Brushes



Floor machine brushes  
For all makes of floor machines

The building or rebristling of special factory brushes of every type is an activity for which we are well equipped. The experience we have gained in producing many thousands of special brushes, the details of which are fully recorded and on file, is at the service of all brush users.

We invite your inquiries when you are next in the market for any class of special brush whether for hand or machine use. When writing for quotations, it is preferred that a detailed

specification, blue-print, sketch, or a sample brush—either new or used—be sent us. However, where this is not convenient or possible, a description of the brush and the work for which it is required, with measurements when known, will usually provide all the information needed.

The following partial list of highly diversified industries for which we build or rebristle special brushes indicates the scope of our work in this department.

Aircraft Factories  
Breweries and Distilleries  
Bakeries  
Dairies  
Dry Cleaners and Laundries  
Copper Refiners

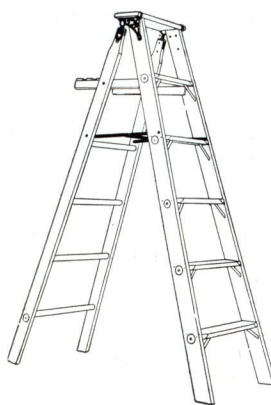
Chemical Factories  
Corrugated Box Factories  
Bedding Manufacturers  
Engravers and Electrotypers  
Foundries  
Flour Mills

Linseed Oil Mills  
Oilcloth and Linoleum Manufacturers  
Paper Mills  
Road Contractors  
Rubber Factories  
Sugar Refineries

Textile Mills  
Tobacco Factories  
Wall Paper Manufacturers  
Window Shade Manufacturers

## SECTION 2

LADDERS - SCAFFOLDS - SWING STAGES - TRESTLES  
LADDER BRACKETS - LADDER SHOES - ROOF or GUTTER HOOKS



### “STANDARD” STEP LADDERS

351.

The “Standard” is our high grade warehouse, factory or painters’ ladder.

The back legs on sizes 4 feet and up are braced with rungs set 12 inches apart. Has steel tie rods reinforcing every step, pail rest and strong steel spreader.

A feature of the “Standard” is the malleable iron hinge castings which fit over the top of the back legs and prevent splitting.

Sizes	Size of Side Rails	Per Foot
3 ft.	$\frac{25}{32}$ " x $3\frac{1}{4}$ "	\$0.50
4 ft.	$\frac{25}{32}$ " x $3\frac{1}{4}$ "	.50
5 ft.	$\frac{25}{32}$ " x $3\frac{1}{4}$ "	.50
6 ft.	$\frac{25}{32}$ " x $3\frac{1}{4}$ "	.50
7 ft.	$\frac{25}{32}$ " x $3\frac{1}{4}$ "	.50
8 ft.	$\frac{25}{32}$ " x $3\frac{1}{4}$ "	.50
10 ft.	$\frac{25}{32}$ " x $3\frac{1}{4}$ "	.55
12 ft.	$\frac{25}{32}$ " x $3\frac{1}{4}$ "	.55

Weight approximately 4 lbs. per ft.

### “ELECTRICIAN” STEP LADDERS

352.

The “Electrician” is an extra quality Step Ladder built for continuous use. The back legs are of heavy construction, braced with rungs set 12 inches apart. The back of the ladder is as strongly constructed as the front. This ladder pivots on heavy iron hinges and has an inside lock spreader brace of the same material. There is an iron rod under each step. Metal corner braces are used behind the bottom and third steps, binding the ladder firmly and stopping side sway.

Sizes	Size of Side Rails	Per foot
5 ft.	$\frac{13}{16}$ " x $3\frac{1}{4}$ "	\$0.75
6 ft.	$\frac{13}{16}$ " x $3\frac{1}{4}$ "	.75
7 ft.	$\frac{13}{16}$ " x $3\frac{1}{4}$ "	.75
8 ft.	$\frac{13}{16}$ " x $3\frac{1}{4}$ "	.75
9 ft.	$\frac{13}{16}$ " x $3\frac{1}{4}$ "	.75
10 ft.	$\frac{13}{16}$ " x $3\frac{1}{4}$ "	.75
12 ft.	$\frac{13}{16}$ " x $3\frac{1}{4}$ "	.75

Weight  $4\frac{1}{4}$  lbs. per ft.

**"HEAVY DUTY" STEP LADDERS**

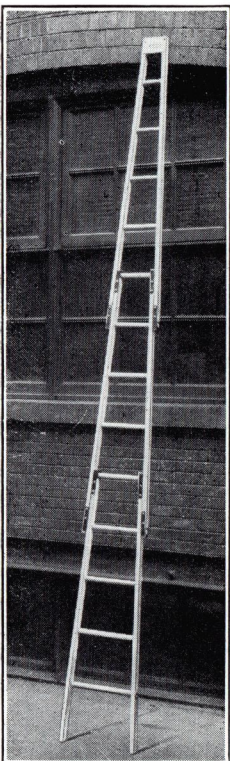


353.

The "Heavy Duty" is a super quality Step Ladder for extra hard service and heavy loads. It is especially adapted for factory and mill use and for steamfitters.

The back legs are braced with rungs set 12 inches apart. It has heavy iron hinges, side braces, and a rod under each step. Metal corner braces are placed behind the bottom and third steps to bind the ladder and stop all side sway. Where a ladder is required to stand up under severe conditions of service the "Heavy Duty" will stand the test.

Sizes	Size of Side Rails	Per foot
5 ft.	1 1/4" x 2 1/2"	\$1.05
6 ft.	1 1/4" x 2 1/2"	1.05
7 ft.	1 1/4" x 2 1/2"	1.05
8 ft.	1 1/4" x 2 1/2"	1.05
9 ft.	1 1/4" x 2 1/2"	1.05
10 ft.	1 1/4" x 2 1/2"	1.15
12 ft.	1 1/4" x 2 1/2"	1.15



**WINDOW CLEANERS' LADDER**

354.

A light, strong ladder, made in three sections. The bottom and middle sections are 5 feet long, the top section 6 feet.

When extended the ladder reaches 14 feet. The sides are of Sitka spruce, 1 1/8" x 2 1/2".

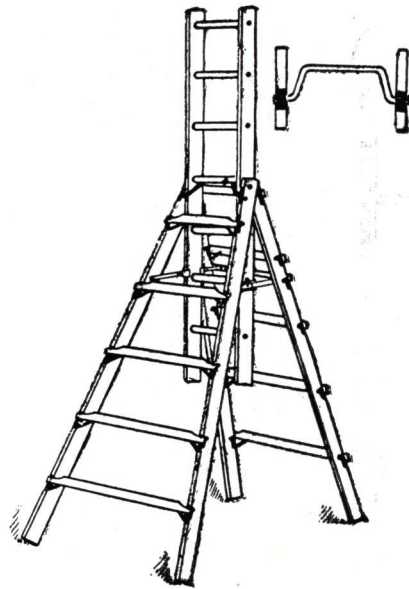
A light, handy ladder for window cleaners.

Weight 22 lbs. per set.

Complete set of three pieces.

\$6.00

**"HEAVY DUTY" EXTENSION TRESTLES**



355.

The handiest Trestle made. The center ladder is adjustable to various heights.

The sides are of B.C. Spruce 1 3/8" x 3 1/8". The cross bars are hardwood 1" x 2", mortised into the sides and fastened with 2" screws.

The sides are joined with heavy iron hinges, two on each side, and eight metal braces are used to make the trestle firm and rigid.

Two trestles and a plank make a quick scaffold of variable height. Extension trestles are made in four standard sizes. Larger sizes can be supplied to order. Prices on application.

	Fully		
Closed	Extended	Weight Each	Per Set of Two
8 ft.	13 ft.	75 lbs.	\$26.00
10 ft.	17 ft.	95 lbs.	30.00
12 ft.	21 ft.	125 lbs.	36.00
14 ft.	25 ft.	150 lbs.	42.00

These trestles also available in lighter construction, the "Light Duty" at correspondingly lower prices.

Prices on application.

**SECTIONAL LADDERS**

356.

A strong, light ladder for hurry-up jobs. Made in sections 6 ft. long. Sides are of B.C. Fir 1 1/4" x 2 1/2". Rungs are hardwood 1 3/16" diam. Sides reinforced with two tie rods.

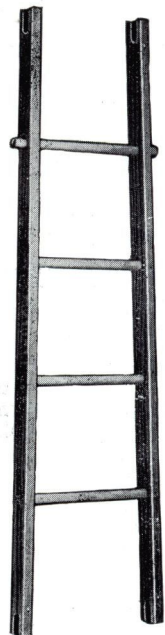
Sections are interchangeable.

A ladder 24 ft. long or more can easily be carried and erected in a few moments.

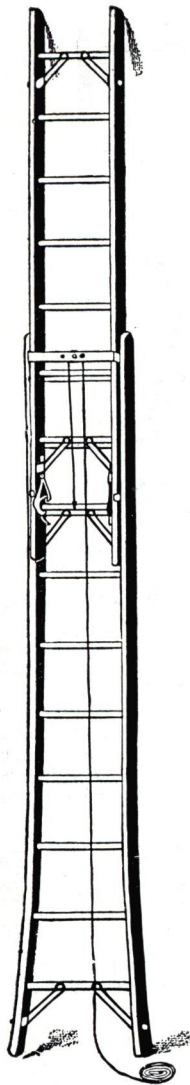
Weight approximately  
2 pounds per foot.

Per Section

\$1.85



## ROPED EXTENSION LADDERS



**357.**

Light and Strong.

Suitable for painters, roofers, fruit pickers and general use.

### Material

**Sides**—Clear, straight grained B.C. Fir, sides reinforced with No. 9 galvanized wire let into a groove at the back.

**Rungs**—Hickory 1-3/16" diameter.

**Locking Hooks**—Malleable iron, self-releasing, self-hooking. They cannot slip.

All sizes are further reinforced by eight corner braces.

### Dimensions

Lengths	Sides
Up to 24 ft.	1 1/4" x 2 1/4"
28 to 32 ft.	1 1/4" x 2 3/8"
36 to 44 ft.	1 1/4" x 2 3/4"

Weight is approximately 2 lbs. per foot.

Total Length	Will extend to:	Each
16 ft.	13 ft.	\$ 5.12
20 ft.	17 ft.	6.40
24 ft.	21 ft.	7.68
28 ft.	25 ft.	8.96
30 ft.	27 ft.	9.60
32 ft.	29 ft.	10.24
36 ft.	33 ft.	12.96
40 ft.	36 ft.	14.40
44 ft.	40 ft.	16.95

## "SPECIAL QUALITY" ROPED EXTENSION LADDERS

**359.**

The same style as our Regular Roped Extension Ladder but heavier and stronger.

For painters, builders, roofers, electricians, telephone linemen and heavy work generally.

### Material

**Sides**—Sitka Spruce.

**Rungs**—Selected hickory 1-3/16" diameter.

**Castings**—Malleable iron.

Dimensions	Lengths	Sides
	20 to 28 ft.	1 3/8" x 2 3/4"
	30 to 36 ft.	1 3/8" x 3 1/8"
	38 to 40 ft.	1 3/8" x 3 1/2"

Due to the size and strength of the side rails, there is no wire reinforcing on these ladders, which makes them especially safe for electrical work.

### 2 Section Ladder

Weight approximately 2 3/4 lbs. per foot.

Total length	Will extend to	Per foot
20 ft.	17 ft.	\$0.55
24 ft.	21 ft.	.55
26 ft.	23 ft.	.55
28 ft.	25 ft.	.55
30 ft.	27 ft.	.55
32 ft.	29 ft.	.55
34 ft.	31 ft.	.55
36 ft.	33 ft.	.55
40 ft.	37 ft.	.55

Rope and pulley attachments extra, per ladder.....\$2.25

### 3 Section Ladder

Weight approximately 2 3/4 lbs. per foot.

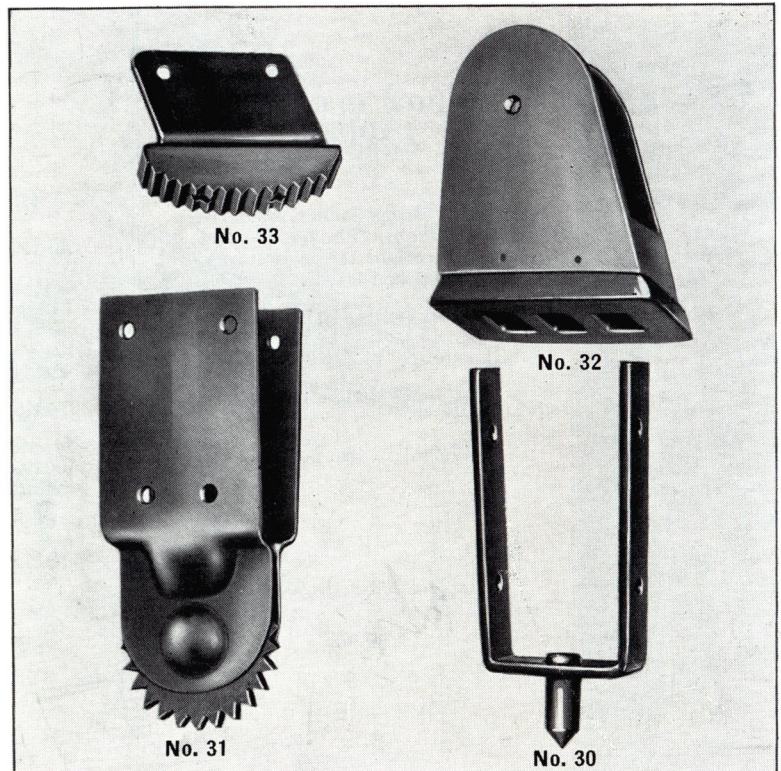
Total length	Dimensions		Per foot
	Lengths	Sides	
	Up to 54 feet	1 3/8" x 3 1/8"	
	56 to 60 feet	1 3/8" x 3 1/2"	
	Will extend to		
40 ft.	35 ft.		\$0.55
46 ft.	41 ft.		.55
48 ft.	43 ft.		.55
52 ft.	47 ft.		.55
58 ft.	53 ft.		.55
60 ft.	54 ft.		.55

Rope and pulley attachments extra, per ladder.....\$2.25

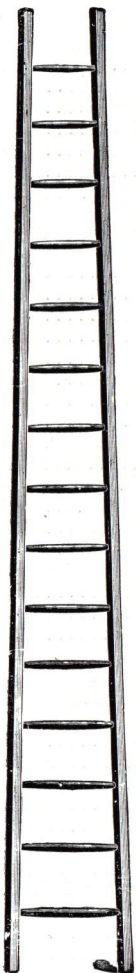
## SAFETY LADDER SHOES

**358.**

No.	Description	Per pair
30	Spike shoe	\$1.50
31	Ratchet spur	3.25
32	Rubber base (heavy)	3.00
33	Rubber base (light)	1.50



## COMMON SINGLE LADDERS



360.

Common Single Ladders are of the same standard of quality as our roped extension ladders. They are light and strong, sides are reinforced with No. 9 galvanized wire let into a groove at the back. They are also equipped with four corner braces to prevent side sway and further strengthen them.

Weight is approximately 2 lbs. per foot.

Length	Per ft.
8 ft.....	\$0.30
10 ft.....	.30
12 ft.....	.30
14 ft.....	.30
16 ft.....	.30
18 ft.....	.32
20 ft.....	.32
22 ft.....	.32

## BUILDERS' LADDERS

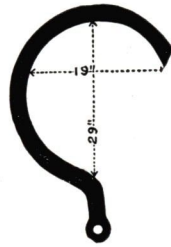
361.

Made from special quality Sitka Spruce, and equipped with 6 corner braces strengthening the ladder and preventing side sway.

Weight is approximately 3 lbs. per foot. Wire reinforcing not necessary on these ladders, but can be supplied if desired.

Length	Per foot
12 ft.....	\$0.55
14 ft.....	.55
16 ft.....	.55
18 ft.....	.55
20 ft.....	.55
22 ft.....	.55

## ROOF OR GUTTER HOOKS



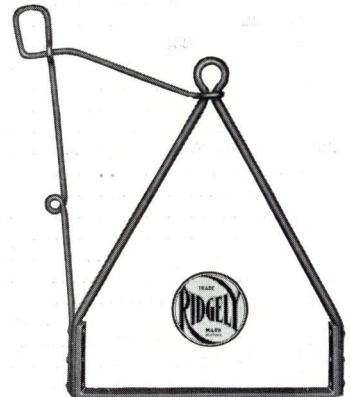
363.

No.	Size	Per pair
96	Large, 19" x 29"	\$10.80
94	Small, 13½" x 18"	9.00

## STAGE TRIANGLES WITH GUARD RAIL ATTACHMENT

364.

No.	Per pair
615.....	\$12.60



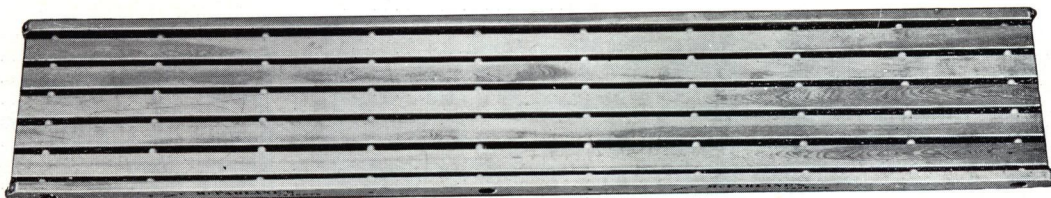
## LADDER BRACKETS



365.

No.	Per pair
603.....	\$6.50

## PAINTERS' SCAFFOLDS OR SWING STAGES



362.

A strong, dependable stage. The sides are Sitka Spruce, reinforced with a No. 9 galvanized wire let into a groove at the back.

Length	Dimensions of Sides
10 to 18 ft.	1⅜" x 3⅛"
20 and 22 ft.	1⅜" x 3½"

Width is 21¼" outside measure. Weight approximately 3½ lbs. per foot. Supplied with floor boards.

Standard Sizes:

10 feet	12 feet	14 feet	
16 feet	18 feet	20 feet	22 feet
Price per foot \$0.65			

## ALPHABETICAL INDEX

	Page No.		Page No.		Page No.
<b>A</b>					
Acid Brushes.....	7, 8	Camel Hair Mops or Dusters.....	15	Emperor Whitewash or Kalsomine Brushes.....	10
Artists' Brushes, Extra Bristle.....	8	Camel Hair Pencils in Quills.....	15	Etching Brushes, Lithographers'.....	14
Artists' Brushes, Red Sable.....	15	Camel Hair Striping Brushes.....	16	Ex Ex Dover Varnish Brushes.....	6
Artists' Fitches, Slanted.....	9	Camel Hair Sword Strippers.....	16	Ex Ex Tiger Varnish Brushes.....	6
Artists' Round Camel Hair Brushes.....	15	Care of Brushes.....	5	Ex Ex Ex Tiger Varnish Brushes.....	6
Atlas Flat Glue Brushes.....	13	Car or Window Brushes, Oval.....	21	Extension Ladders, Roped.....	49
<b>B</b>					
Badger Blenders.....	16	Carpet Brushes.....	30	Extension Trestles, Heavy Duty.....	48
Badger Hair.....	5	Casting Brushes.....	37		
Badger Hair Flowing Varnish Brushes.....	14	Caulking or Seaming Brushes.....	12		
Bakers' Brushes.....	31	Ceiling Brooms, Corn.....	40		
Bakers' Icing Brushes.....	31	Cellar Brooms.....	23		
Bannister Brushes, stiff.....	30	Chamois Skins.....	45		
Bannister Brush, Razor Back.....	30	Chan Wax.....	28		
Bannister Dusters.....	29	Cheese Factory Brooms.....	23		
Barrel Brushes, Brewers'.....	22	Chimney Brushes.....	40		
Baskets, Clothes.....	47	Cleaners, File Card.....	36		
Baskets, Wire Waste Paper.....	45	Cleaners' Ladder, Window.....	48		
Bass.....	5	Closet Brushes, Long Handle.....	19, 20		
Bass Brooms.....	41	Clothes Baskets.....	47		
Bassine.....	5	Cloths, Dorset.....	43		
Bath Brushes.....	17	Cloths, Floor.....	43		
Beaver Flat Mop Heads.....	42	Cloths, Twill Floor.....	43		
Bench Brush, Machinists'.....	30	Cocoa Mats.....	46		
Bench Brush, soft.....	30	Cocoa Mats, Skeleton.....	46		
Bench Dusters.....	29, 30	Coir Deck or Scrub Brooms.....	22		
Bent Nose Bench Dusters.....	30	Colour Brushes, Camel Hair.....	13, 14		
Benzine Brushes.....	35	Colour Brushes, Ox Hair.....	14		
Benzine Brushes, Printers'.....	34	Connectors, Pole.....	21		
Black Chiselled Artists' Fitches.....	9	Corn Brooms.....	40		
Black Sable One-Stroke Brushes.....	16	Corn Brooms, Metal Cased.....	41		
Blenders, Badger.....	16	Corn Ceiling Brooms.....	40		
Block Brushes, Butchers'.....	36, 37	Cornice Dusters.....	31		
Boiler Tube Scrapers.....	39	Corn Whisks.....	41		
Bon-Ton Metal Polish.....	28	Coronet Kalsomine Brushes.....	11		
Bottle Brushes.....	20	Corporation Street Brooms.....	24		
Bowl Brushes.....	20	Cotton Dish Mops.....	19		
Brackets, Ladder.....	51	Crescent Brushes.....	9		
Brass Ball Pipe Cleaning Brushes.....	23	Cylindrical Brushes.....	47		
Brass Wire Plate Brushes.....	35	<b>D</b>			
Brewers' Barrel Brushes.....	22	Dandy Horse Brushes.....	33		
Brewers' Keg Washing Machine Brushes.....	23	Daubers, Shoe.....	18		
Brewers' Upright Brooms.....	23	Deck or Floor Scrubs.....	22		
Brighten-up Paint Brushes.....	7	Deco Paint Brushes.....	8		
Brighten-up Varnish Brushes.....	6	Dish Mops, Cotton.....	19		
Bristle, Types of.....	5	Dominion Paint Brushes.....	8		
Bristle Marking Brushes.....	8	Dorset Cloths.....	43		
Bristle Plate Brushes.....	35	Down Dusters.....	32		
Bristol Paint Brushes.....	8	Drag Brooms, Tennis Court.....	23		
Bronzing Brushes.....	8	Driers, Rubber Window Cleaners or.....	21		
Brooms, Cellar.....	23	Dry Cleaners' Brushes.....	34-35		
Brooms, Corporation Street.....	24	Dry Cleaning Inspectors' Brush.....	35		
Brooms, Factory.....	40	Dufferin Galvanized Pails.....	43		
Brooms, Corn.....	40	Dusting Brushes, Wire.....	36		
Brooms, Corn Ceiling.....	40	Dusting Brush, Radiator.....	31		
Brooms, Flat Steel Wire Push.....	24	Dusting Mops.....	27		
Brooms, Floor.....	25-27	Dusters, Bannister.....	29		
Brooms, Garage or Factory.....	25	Dusters, Bench.....	29, 30		
Brooms, Hesco Bass.....	41	Dusters, Bent Nose.....	30		
Brooms, Metal Cased Corn.....	41	Dusters, Camel Hair.....	15		
Brooms, Stable.....	23	Dusters, Cornice.....	31		
Brooms, Steel Wire.....	24	Dusters, Dustless.....	33		
Brooms, Street.....	23	Dusters, Feather.....	32		
Brooms, Tennis Court Drag.....	23	Dusters, Flat Woven Down.....	32		
Brooms, Titan Fibre.....	41	Dusters, Hearth.....	31		
Brooms, Upright.....	23	Dusters, Loom.....	30		
Brooms, Warehouse.....	40	Dusters, Ostrich Feather.....	32		
Buckets, Mopping.....	44	Dusters, Painters'.....	12		
Buckets, Steel Mopping.....	44	Dusters, Silk.....	30		
Builders' Ladders.....	51	Dusters, Wall.....	31		
Butchers' Block Brushes.....	36, 37	Dustless Dusters.....	33		
<b>C</b>					
Camel Hair Brushes, Artists' Round.....	15	Dustpan Brushes.....	31		
Camel Hair Colour Brushes.....	13	Dust Pans.....	45		
<b>E</b>					
		Dutch Kalsomine Brushes.....	11		
		<b>E</b>			
		Electra-Weld Steel Wire Wheel Brushes.....	38		
		Electricians Step Ladders.....	47		
		<b>F</b>			
		Factory Bench Brush.....	30		
		Factory Brooms.....	40		
		Factory or Garage Brooms.....	25		
		Feather Dusters.....	32		
		Fibre Brooms.....	41		
		Fibre Plate Brushes.....	35		
		Fibres.....	5		
		File Card Cleaners.....	36		
		Fine Brass Wire Brushes.....	34		
		Fine Wire Wheel Brushes.....	37		
		Fitch Flowing Varnish Brushes.....	14		
		Fitches, Black Chiselled, Artists'.....	9		
		Fitches, Slanted, Artists'.....	9		
		Fitches, White Chiselled Artists'.....	9		
		Flat Camel Hair Lacquering Brushes.....	15		
		Flat Glue Brushes.....	13		
		Flat Machine Brushes.....	47		
		Flat Paint Brushes.....	7, 8		
		Flat Steel Wire Push Brooms.....	24		
		Flat Tar Brushes or Heads.....	11		
		Flat Varnish or Paint Brushes.....	6, 7		
		Floor Brooms.....	25-27		
		Floor Cloths.....	43		
		Floor Cloths, Twill.....	43		
		Floor Machine Brushes.....	47		
		Floor Polisher.....	27		
		Floor Scrapers or Squeegees.....	22		
		Floor Scrubs.....	22		
		Floor Waxing Brushes.....	28		
		Flowing Varnish Brushes, Badger Hair.....	14		
		Flowing Varnish Brushes, Fitch.....	14		
		Flue Brush, Hard Spiral.....	39		
		Flue Brush, Worcester.....	39		
		Fourdrinier Wire Screen Brushes.....	36		
		French Camel Hair Lettering Brushes.....	15		
		Fresco Liners.....	9		
		Furnace Brushes, Hot Water.....	40		
		<b>G</b>			
		Galvanized Pails.....	43-44		
		Garage or Factory Brooms.....	25		
		Glass Brushes.....	20		
		Glue Brushes, Flat.....	13		
		Glue Brushes, Round.....	13		
		Goat Hair.....	5		
		Goblet Brushes.....	47		
		Granite Paint Brushes.....	8		
		Gray Wall Paint Brushes.....	7		
		Grease Brushes.....	7		
		Gutter Hooks.....	50		
		<b>H</b>			
		Hair Brushes.....	17		
		Handled Shoe Brushes.....	18		
		Handles.....	21		
		Handles, for Brooms, Scrubs, etc.....	22		
		Handy Varnish Brushes.....	6		
		Hardpan Paperhangers' Brushes.....	12		
		Hatters' Wet Brushes.....	35		
		Heads, Mop.....	42		
		Heads, or Flat Tar Brushes.....	11		
		Heads, Paint or Whitewash.....	11		
		Heads, Tar.....	11		
		Heater Brushes.....	40		
		Hearth Dusters.....	31		
		Hesco Bass Brooms.....	41		
		High Liners, Red Sable.....	16		
		Hooks, Gutter.....	50		

## ALPHABETICAL INDEX

	Page No.
Hooks, Roof.....	50
Hoosac Paperhangers' Brushes.....	12
Horse Hair.....	5
Hose Brushes.....	23
Hot Water Furnace Brushes.....	40
Hubs, Wire Wheel Brush.....	38

## I

Icing Brush, Bakers'.....	31
Ingall's Combination Boiler Tube Scraper.....	39
Inspectors' Brush, Dry Cleaning.....	35

## J

Janitor Dusters.....	29
Janitor Spring Mop Sticks.....	42

## K

Kalsomine Brushes.....	10-11
Kalsomine Brushes, Care of.....	5
Kant-Krack Nail Brushes.....	17
Keg Washing Machine Brushes.....	23
Kettle and Vat Scrubbers.....	22
Knitted Mop Cloths.....	43
Kracker Whitewash Brushes.....	10

## L

Lacquering Brushes, Camel Hair.....	15
Ladder Brackets.....	51
Ladder Shoes, Safety.....	50
Ladders, Builders'.....	51
Ladders, Common Single.....	51
Ladders, Roped Extension.....	50
Ladders, Sectional.....	49
Ladders, Standard Step.....	48
Ladders, Step.....	48-49
Ladders, Window Cleaners'.....	49
Lamb's Wool Dusters.....	32
Lathe Brush, Machinists'.....	30
Laundry Brushes.....	34-35
Laundry Scrubs.....	19
Lettering Brushes in Quills.....	15
Lettering Brushes, Ox Hair.....	16
Lettering Brushes, Red Sable.....	16
Liners, Fresco.....	9
Liners, Red Sable High.....	16
Lithographers' Etching Brushes.....	14
Loom Dusters.....	30
Lugi Varnish Brushes.....	7

## M

Machine Brushes.....	47
Machine Brushes, Floor.....	47
Machinists' Bench Brush.....	30
Machinists' Lathe Brush.....	30
Marking Brushes, Bristle.....	8
Master Kalsomine Brushes.....	11
Master Oval Varnish or Paint Brushes.....	10
Master Paint Brushes.....	8
Master Varnish Brushes.....	6
Matchless Kalsomine Brushes.....	10
Matchless Paint Brushes.....	7
Matchless Varnish Brushes.....	6
Mats, Cocoa.....	46
Mats, Cocoa Skeleton.....	46
Mats, Nu-way.....	46
Mats, Strip Rubber.....	46
Matting, Cocoa.....	46
Metal Polish, Bon-Ton.....	28
Mill Dusters.....	29
Milk Can Scrubs.....	21
Milk Jar or Bottle Brushes.....	20
Monarch Whitewash or Kalsomine Brushes.....	10
Mopping Buckets.....	44

	Page No.
Mopping Pails.....	44
Mop Cloths, Knitted.....	43
Mop Heads.....	42
Mops, Camel Hair.....	15
Mops, Cotton Dish.....	19
Mops, Dusting.....	27, 28
Mops, O-Cedar.....	28
Mops, Round Yacht.....	42
Mop Sticks, Heavy Janitor.....	42
Mop Sticks, Janitor Spring.....	42
Mop Sticks, Spring.....	42
Mop Truck.....	45
Mop Wringers.....	43
Moulders' Hard Brushes.....	33
Moulders' Soft or Dust Brushes.....	33
Mottling Brushes, Flat Camel Hair.....	14

## N

Nail Brushes.....	17, 18
Nogi Paperhangers' Brushes.....	12
Nuway Mats.....	46

## O

O-Cedar Mops.....	28
O-Cedar Polish.....	28
One-Stroke Brushes.....	16
Ostrich Feather Dusters.....	32
Oval Car or Window Brushes.....	21
Oval Spiral Steel Brushes.....	39
Oval Varnish or Paint Brushes.....	10
Ox Hair.....	5
Ox Hair Colour Brushes.....	14
Ox Hair Lettering Brushes.....	16
Ox Hair One-Stroke Brushes.....	16
Ox Hair Sign Painters' Brushes.....	16

## P

Packers' Scrub Brushes.....	19
Palmetto.....	5
Palmyra.....	5
Paper Baskets, Wire Waste.....	45
Paperhangers' Smoothing Brushes.....	12
Pails.....	43, 44
Pails, Dufferin Galvanized.....	43
Paint Brushes, Flat.....	7, 8
Painters' Brushes, Sign.....	16
Painters' Dusters.....	12
Painters' Scaffold.....	50
Paint or Whitewash Heads.....	11
Panco Brushes.....	10
Pans, Dust.....	45
Paste Brushes.....	7, 8, 13
Paste Brushes, Flat.....	13
Paste Brushes, Round.....	13
Pastry Brushes.....	7
Peerless Kalsomine Brushes.....	10
Peerless Varnish Brushes.....	6
Peko Stencil Brushes.....	9
Peko Paperhangers' Brushes.....	12
Pencils in Quills, Camel Hair.....	15
Pipe Cleaning Brushes, Brass Ball.....	23
Plate Brushes, Brass Wire.....	35
Plate Brushes, Bristle.....	35
Plate Brushes, Fibre.....	35
Plate Brushes, Printers'.....	34
Polar Whitewash Brushes.....	10
Pole Connectors.....	21
Polisher, Floor.....	27, 28
Polish, Metal Bon-Ton.....	28
Pot Scrubs.....	19
Printers' Benzine Brushes.....	34
Printers' Lye Brushes.....	34
Printers' Oil Brushes.....	34
Printers' Plate Brushes.....	34
Professional Window Cleaners' Brushes.....	21
Pro-phy-lac-tic Hair Brushes.....	17
Push Brooms, Steel Wire.....	24
Pyrex Whitewash Brushes.....	10

## R

Rad Brushes.....	7
Radiator Dusting Brushes.....	31
Radiator Varnish or Paint Brushes.....	7
Razor Back Bannister Brush.....	30
Red Sable.....	5
Red Sable Artists' Brushes.....	15
Red Sable High Liners.....	16
Red Sable Lettering Brushes.....	16
Red Sable Show Card Brushes.....	15
Rex Flat Glue Brushes.....	13
Roof Hooks.....	50
Roped Extension Ladders.....	50
Rotary Street Sweeper Brushes.....	24
Round Camel Hair Lacquering Brushes.....	15
Round Glue Brushes.....	12, 13
Round Window Brushes.....	21
Round Wire Flue Brushes.....	40
Rubber Floor Scrapers.....	22
Rubber Floor Squeegees.....	22
Rubber Mats.....	46
Rubbers, Window Cleaner.....	21
Rubber Window Cleaners.....	21

## S

Safety Ladder Shoes.....	50
Sanitary Dust Pans.....	45
Sash Tool Brushes.....	9
Save-all Kalsomine Brushes.....	40
Scaffold, Painters'.....	50
Scrapers, Ingall's Boiler Tube.....	39
Scrapers or Squeegees, Rubber Floor.....	22
Scratch Brushes, Wire.....	36
Scrub Brooms, Coir Deck.....	22
Scrub Brushes.....	18, 19
Scrub Brushes, Packers.....	19
Scrubs, Milk Can.....	21
Scrubs, Steel Wire.....	24
Seaming or Caulking Brushes.....	12
Sectional Ladders.....	49
Separator Test Tube Brushes.....	20
Separator Tube Brushes.....	20
Service Kalsomine Brushes.....	11
Shaving Brushes.....	17
Shoe Brushes.....	18
Shoe Daubers.....	18
Shoes, Safety Ladder.....	50
Show Card Brushes, Red Sable.....	15
Sign Painters' Brushes.....	16
Silk Duster.....	30
Sink Brushes.....	19
Skins, Chamois.....	45
Skunk Hair.....	5
Smoothing Brushes, Paperhangers.....	12
Soft Bench Brush.....	30
Special Brushes.....	47
Spiral Flue Brush.....	39
Spiral Steel Brush.....	39
Spoke Brushes.....	33
Sponges.....	45
Spotting Brushes.....	34
Spring Mop Sticks.....	42
Squeegees or Rubber Floor Scrapers.....	22
Squirrel Hair.....	5
Stable Brooms.....	23
Stages, Swing.....	50
Stair Whisks.....	41
Standard Step Ladders.....	47
Steel Wire Brooms.....	24
Steel Wire Casting Brushes.....	37
Steel Wire Scrubs.....	24
Steel Wire Wheel Brushes.....	37
Steel Wool.....	28
Stencil Brushes.....	9
Step Ladders.....	48, 49
Sticks, Heavy Janitor Mop.....	42
Stiff Bannister Brushes.....	30
Stipplers, Handled Wall.....	12

## ALPHABETICAL INDEX

Page No.		Page No.		Page No.	
Street Brooms.....	23	Tube Brushes, Fine Round Wire.....	40	Whisks, Corn.....	41
Street Brooms, Corporation.....	24	Twill Floor Clothes.....	43	Whisks, Ebony Handled Corn.....	41
Street Sweeper Brushes, Rotary.....	26	Typewriter Brushes.....	9	Whisks, Ring Top Corn.....	41
Stripers, Camel Hair Sword.....	16			Whisks, Stair.....	41
Striping Brushes, Camel Hair.....	16	U		White Chiselled Artists' Fitches.....	9
Strip Rubber Mats.....	43	Universal Steel Wire Wheel Brushes.....	37	White Mop Wringers.....	43
Stove Brushes.....	33	Upright Brooms.....	23	Whitewash Brushes.....	10
Success Steel Wire Sections.....	38			Whitewash or Paint Heads.....	11
Super Brushes.....	9	V		Willow Clothes Baskets.....	47
Superb Kalsomine Brushes.....	10	Varnish Brushes, Badger Hair		Wilson Heater Brushes.....	40
Superb Paint Brushes.....	7	Flowing.....	14	Window Brushes, Oval Car or.....	21
Superior Steel Wire Cup Brushes.....	39	Varnish Brushes, Fitch Flowing.....	14	Window Brushes, Round.....	21
Superior Steel Wire Refills.....	39	Varnish or Paint Brushes.....	6, 7	Window Cleaners, Rubber.....	21
Sweeper Brushes, Rotary Street.....	24	Varnish or Paint Brushes, Radiator.....	7	Window Cleaners' Ladder.....	49
Swing Stages.....	50	Vat Scrubbers.....	22	Wire Brushes, Fine Brass.....	34
Sword Stripers, Camel Hair.....	16	Velvet Brush.....	35	Wire Butchers' Block Brushes.....	36, 37
		Viking Paint Brushes.....	8	Wire Dusting Brushes.....	36
		Vulcan Paint Brushes.....	8	Wire Flue Brushes, Round.....	40
T				Wire Scratch Brushes.....	36
Table Scrubs.....	19	W		Wire Screen Brushes, Fourdrinier.....	36
Tampico.....	5	Wall Dusters.....	31	Wire Tube Brushes, Fine Round.....	40
Tampico Wheel Brush Sections.....	38	Warehouse Brooms.....	40	Wire Wheel Brushes, Fine.....	37
Tarbox Adjustable Mop Wringers.....	43	Waste Paper Baskets, Wire.....	45	Wooden Pails.....	43
Tar Brushes, Flat.....	11	Water Tools.....	12	Wool Steel.....	28
Tennis Court Drag Broom.....	23	Wax, Chan.....	28	Worcester Flue Brush.....	39
Titan Fibre Brooms.....	41	Waxing Brushes, Floor.....	28	Wringers, Mop.....	43
Tool Brushes, Sash.....	9	Wearwell Kalsomine Brushes.....	10	Wringers, Tarbox Adjustable Mop.....	43
Tools, Water.....	12	Wet Brushes, Hatters.....	35		
Trestles, Heavy Duty Extension.....	48	Wheel Brushes, Fine Wire.....	37	Y	
Triangle, with Guard Rail.....	50	Wheel Brushes, Steel Wire.....	37	Yacht Mops, Round.....	42
Truck, Mop.....	45			Yale Paperhangers' Brushes.....	12
Tube Brushes.....	20				

## NUMBER INDEX

Cat. No.	Item	Page No.	Cat. No.	Item	Page No.	Cat. No.	Item	Page No.	Cat. No.	Item	Page No.
A-8.....	Chamois Skin.....	45	3 1/2.....	Sign Painters' Brush.....	16	1.....	Striping Brush.....	16	2 1/2.....	Tube Brush.....	40
A-10.....	Chamois Skin.....	45	5 1/2.....	Artists' Brush.....	9	1.....	Sword Striper.....	16	2 1/2.....	Varnish Brush.....	6
A-12.....	Chamois Skin.....	45	5 1/2.....	Fresco Liner.....	9	1.....	Tube Brush.....	20	2 3/4.....	Glue Brush.....	13
A-14.....	Chamois Skin.....	45	5 1/2.....	One-Stroke Brush.....	16	1.....	Varnish Brush.....	6, 7	2 3/4.....	Tube Brush.....	40
BB-1.....	Bench Duster.....	29	3 1/2.....	Artists' Brush.....	9	1.....	Wall Duster.....	31	3.....	Artists' Brush.....	8
BB-2.....	Bench Duster.....	29	3 1/2.....	Artists' Fitch.....	9	1.....	Waste Basket.....	45	3.....	Badger Blender.....	16
B-7.....	Shaving Brush.....	17	3 1/2.....	Fresco Liner.....	9	1 1/4.....	Artists' Fitch.....	9	3.....	Bronzing Brush.....	8
B-10.....	Shaving Brush.....	17	3 1/2.....	Lacquering Brush.....	15	1 1/4.....	Artists' Brush.....	9	3.....	Clothes Basket.....	47
B-14.....	Window Cleaner.....	21	3 1/2.....	One-Stroke Brush.....	16	1 1/4.....	Glue Brush.....	13	3.....	Cocoa Mat.....	46
B-14.....	Shaving Brush.....	17	3 1/2.....	Sign Painters' Brush.....	16	1 1/4.....	Tube Brush.....	40	3.....	Dish Mop.....	19
B-15.....	Shaving Brush.....	17	7 1/2.....	Artists' Brush.....	9	1 1/2.....	Radiator Brush.....	7	3.....	Floor Cloth.....	43
B-16.....	Window Cleaner.....	21	7 1/2.....	Artists' Fitch.....	9	1 1/2.....	Tube Brush.....	40	3.....	Glue Brush.....	13
B-18.....	Window Cleaner.....	21	7 1/2.....	Fresco Liner.....	9	1 1/2.....	Varnish Brush.....	6, 7	3.....	Hair Pencil.....	15
Building 16—Feather Duster.....	32	7 1/2.....	Lacquering Brush.....	15	1 3/4.....	Glue Brush.....	13	3.....	Heater Brush.....	40	
Building 18—Feather Duster.....	32	7 1/2.....	One-Stroke Brush.....	16	1 1/2 bbl.....	Keg Brush.....	23	3.....	High Liner.....	16	
Elgin.....	Corn Broom.....	40	0.....	Mop Wringer.....	43	2.....	Artists' Brush.....	8, 15	3 Knot.....	Tar Brush.....	11
Extra Quality 16—Feather Duster.....	32	0.....	Nail Brush.....	17	2.....	Bronzing Brush.....	8	3.....	Lacquering Brush.....	15	
Extra Quality 18—Feather Duster.....	32	0.....	Rubber Mat.....	46	2.....	Cocoa Mat.....	46	3.....	Lettering Brush.....	16	
Ex. Warehouse—Factory Broom.....	40	0.....	Steel Wool.....	28	2.....	Dish Mop.....	19	3.....	Marking Brush.....	8	
Hesco.....	Fibre Broom.....	41	0.....	Sword Stripper.....	16	2.....	Down Duster.....	32	3.....	Nu-way Mat.....	46
Ideal.....	Corn Broom.....	40	0.....	Wool Duster.....	32	2.....	Floor Cloth.....	43	3.....	Paint Brush.....	7, 8
Iowa Janitor—Feather Duster.....	32	0-126.....	Wire Wheel.....	37	2.....	Floor Polisher.....	27	3.....	Painters' Duster.....	12	
JIC-Cedar—Wooden Pail.....	43	0-143.....	Wire Wheel.....	37	2.....	Glue Brush.....	13	3.....	Plate Brush.....	34	
JIC-Oak—Wooden Pail.....	43	0-144.....	Wire Wheel.....	37	2.....	Hair Mop.....	15	3.....	Rubber Mat.....	46	
Quillwill Horse Brush.....	33	0-145.....	Wire Wheel.....	37	2.....	Hair Pencil.....	15	3.....	Sash Brush.....	9	
Round.....	Dusting Mop.....	27	1.....	Artists' Brush.....	8, 9, 15	2.....	Heater Brush.....	40	3.....	Spotting Brush.....	34
S.H.C.....	Shoe Dauber.....	18	1.....	Artists' Fitch.....	9	2.....	High Liner.....	16	3.....	Steel Wool.....	28
Steel Edge No. 1—Dust Pan.....	45	1.....	Bronzing Brush.....	8	2 Knot.....	Tar Brush.....	11	3.....	Sword Striper.....	16	
Tarbox.....	Mop Wringer.....	43	1 Cable Special—Factory Broom.....	40	2.....	Lacquering Brush.....	15	3.....	Tube Brush.....	20, 40	
Titan.....	Fibre Broom.....	41	1.....	Dustless Duster.....	33	2.....	Lettering Brush.....	15, 16	3.....	Varnish Brush.....	6, 7
Trade 12 Feather Duster.....	32	1.....	Dust Pan.....	45	2.....	Marking Brush.....	8	3.....	Wall Duster.....	31	
Trade 14 Feather Duster.....	32	1.....	Floor Cloth.....	43	2.....	Nail Brush.....	17	3.....	Yacht Mop.....	42	
Trade 16 Feather Duster.....	32	1.....	Floor Polisher.....	27	2.....	Nu-way Mat.....	46	3 1/4.....	Tube Brush.....	40	
Trade 18 Feather Duster.....	32	1.....	Fresco Liner.....	9	2.....	Painters' Duster.....	12	3 1/2.....	Badger Blender.....	16	
Triangular—Dusting Mop.....	27	1.....	Glue Brush.....	13	2.....	Plate Brush.....	34, 35	3 1/2.....	Glue Brush.....	13	
TS-12.....	Floor Cloth.....	43	1.....	Hair Pencil.....	15	2.....	Radiator Brush.....	7	3 1/2.....	Paint Brush.....	7, 8
TS-103.....	Dorset Cloth.....	43	1.....	Heater Brush.....	40	2.....	Rubber Mat.....	46	3 1/2.....	Tube Brush.....	40
Viking.....	Furnace Brush.....	40	1.....	High Liner.....	16	2.....	Sash Brush.....	9	3 1/2 x 7 1/2.....	Wall Stippler.....	12
Vulcan.....	Wax Brush.....	28	1 Knot.....	Tar Brush.....	11	2.....	Show Card Brush.....	15	3 3/4.....	Tube Brush.....	40
1/4 bbl.....	Keg Brush.....	23	1.....	Lacquering Brush.....	15	2.....	Spotting Brush.....	34	4.....	Artists' Brush.....	8, 15
1/4.....	Sign Painters' Brush.....	16	1.....	Lettering Brush.....	16	2.....	Steel Wool.....	28	4.....	Badger Blender.....	16
1/2 bbl.....	Keg Brush.....	23	1.....	Marking Brush.....	8	2.....	Striping Brush.....	16	4.....	Benzine Brush.....	34
1/2.....	Artists' Brush.....	9	1.....	Mop Wringer.....	43	2.....	Sword Striper.....	16	4.....	Clothes Basket.....	47
1/2.....	Artists' Fitch.....	9	1.....	Nu-way Mat.....	46	2.....	Tube Brush.....	20, 40	4.....	Cocoa Mat.....	46
1/2.....	Fresco Liner.....	9	1.....	One-Stroke Brush.....	16	2.....	Varnish Brush.....	6, 7	4.....	Dustless Duster.....	33
1/2.....	Lacquering Brush.....	15	1.....	Plate Brush.....	35	2.....	Wall Duster.....	31	4.....	Glue Brush.....	13
1/2.....	One-Stroke Brush.....	16	1.....	Rubber Mat.....	46	2.....	Waste Basket.....	45	4.....	Hair Mop.....	15
1/2.....	Sign Painters' Brush.....	16	1.....	Sash Brush.....	9	2.....	Water Tool.....	12	4.....	Hair Pencil.....	15
3/8.....	Artists' Brush.....	9	1.....	Sign Painters' Brush.....	16	2 1/4.....	Glue Brush.....	13	4.....	High Liner.....	16
3/8.....	Artists' Fitch.....	9	1.....	Spotting Brush.....	34	2 1/4.....	Tube Brush.....	40	4 Knot.....	Tar Brush.....	11
3/8.....	Lacquering Brush.....	15	1.....	Steel Wool.....	28	2 1/2.....	Glue Brush.....	13	4.....	Lacquering Brush.....	15

# HAROLD E. SMITH LIMITED

## NUMBER INDEX

Cat. No.	Item	Page No.	Cat. No.	Item	Page No.	Cat. No.	Item	Page No.	Cat. No.	Item	Page No.
4	Lettering Brush	15, 16	8	Striping Brush	16	24XXX	Floor Broom	26	67	Hub	38
4	Marking Brush	8	8	Tube Brush	20	24	Bottle Brush	20	67	Janitors' Duster	29
4	Moulders' Brush	33	8	Whitewash Brush	10	24	Clothes Basket	47	67	Wheel Brush	38
4	Nu-way Mat	46	8	Yacht Mop	42	24	Hatters' Brush	35	68	Colour Brush	13
4	Paint Brush	7	9	Artists' Brush	15	24	Plate Brush	35	68	Janitor Duster	29
4	Painters' Duster	12	9	Cocoa Mat	46	24	Squeegee	22	68	Wheel Brush	38
4	Plate Brush	35	9	Horse Brush	33	26-B	Mopping Bucket	44	68-1	Colour Brush	13
4	Rubber Mat	46	9	Lettering Brush	16	26	Bottle Brush	20	68-1 1/2	Colour Brush	13
4	Sash Brush	9	9	Nu-way Mat	46	27	Bench Duster	29	68-2	Colour Brush	13
4	Show Card Brush	15	9	Rubber Mat	46	28	Bench Duster	29	68-2 1/2	Colour Brush	13
4	Spotting Brush	34	9	Spotting Brush	34	29	Bench Duster	29	68-3	Colour Brush	13
4	Striping Brush	16	9	Tube Brush	20	30	Can Scrub	21	68-3 1/2	Colour Brush	13
4	Sword Striper	16	9	Yacht Mop	42	30	Horse Brush	33	68-4	Colour Brush	13
4	Tube Brush	20, 40	10	Cocoa Mat	46	30	Ladder Shoe	50	68-5	Colour Brush	13
4	Varnish Brush	7	10	Glue Brush	13	30	Plate Brush	35	69	Dusting Brush	31
4	Wall Duster	31	10	Hair Mop	15	30	Squeegee	22	69	Janitor Duster	29
4	Yacht Mop	42	10	Lettering Brush	15, 16	31	Ladder Shoe	50	69	Wheel Brush	38
4 1/2	Tube Brush	40	10	Painters' Duster	12	31	Lathe Brush	30	70	Etching Brush	14
4 1/2	Tube Brush	40	10	Sash Brush	9	32	Ladder Shoe	50	70	Janitor Duster	29
4 1/2	Badger Blender	16	10	Show Card Brush	15	33	Ladder Shoe	50	70	Wheel Brush	38
4 1/2	Paint Brush	7	10	Smoothing Brush	12	33	Wire Refill	39	70-4	Etching Brush	14
5	Artists' Brush	8	10	Spotting Brush	34	35	Barrel Brush	22	70-6	Etching Brush	14
5	Boiler Scraper	39	10	Table Scrub	19	36	Barrel Brush	22	70-8	Etching Brush	14
5	Caulking Brush	12	10	Table Brush	20	36	Bench Duster	29	71	Etching Brush	14
5	Clothes Basket	47	10	Yacht Mop	42	37	Barrel Brush	22	71	Wheel Brush	38
5	Cocoa Mat	46	11	Mop Stick	42	37	Bench Duster	29	71	Wire Wheel	38
5	Glue Brush	13	11	Spotting Brush	34	38	Barrel Brush	22	71-4	Etching Brush	14
5	Hair Pencil	15	11	Tube Brush	20	38	Bench Duster	29	71-6	Etching Brush	14
5	High Liner	16	12X	Floor Broom	26	39	Barrel Brush	22	71-8	Etching Brush	14
5	Lacquering Brush	15	12XX	Floor Broom	26	39	Bench Duster	29	72	Push Broom	24
5	Lettering Brush	16	12XXX	Floor Broom	26	40	Glue Brush	13	72	Wheel Brush	38
5	Marking Brush	8	12	Hair Mop	15	40	Horse Brush	33	72	Wire Wheel	38
5	Moulders' Brush	33	12	Galvanized Pail	43, 44	40	Lathe Brush	30	73	Wheel Brush	38
5	Nu-way Mat	46	12	Lettering Brush	16	40	Plate Brush	35	74	Push Broom	24
5	Paint Brush	7	12	Painters' Duster	12	40	Stencil Brush	9	74	Wheel Brush	38
5	Painters' Dusters	12	12	Sash Brush	9	40	Vat Scrubber	22	74-1	Acid Brush	7
5	Rubber Mat	46	12	Show Card Brush	15	41	Push Broom	24	74-1	Paste Brush	7
5	Sash Brush	9	12	Smoothing Brush	12	41	Vat Scrubber	22	74-1	Varnish Brush	7
5	Silk Duster	30	12	Spotting Brush	34	42-B-1	Sash Brush	9	74-1 1/2	Acid Brush	7
5	Spotting Brush	34	12	Table Scrub	19	42-B-2	Sash Brush	9	74-1 1/2	Paste Brush	7
5	Tube Brush	40	12	Tube Brush	20	42-B-5	Sash Brush	9	74-1 1/2	Varnish Brush	7
5	Varnish Brush	7	13	Galvanized Pail	44	42-B-7	Sash Brush	9	74-2	Acid Brush	7
5 x 5	Wall Stippler	12	13	Spotting Brush	34	42-W-1	Sash Brush	9	74-2	Paste Brush	7
5	Yacht Mop	42	13	Tube Brush	20	42-W-3	Sash Brush	9	74-2	Varnish Brush	7
6	Artists' Brush	8, 15	14X	Floor Broom	26	42-W-5	Sash Brush	9	74-2 1/2	Acid Brush	7
6	Cocoa Mat	46	14XX	Floor Broom	26	42-W-7	Sash Brush	9	74-2 1/2	Paste Brush	7
6	Clothes Basket	47	14XXX	Floor Broom	26	42	Hub	38	74-2 1/2	Varnish Brush	7
6	Corn Broom	40	14	Galvanized Pail	43, 44	42	Push Brown	24	74-3	Acid Brush	7
6	Flue Brush	39	14	Mop Stick	42	42	Wire Refill	39	74-3	Paste Brush	7
6	Glue Brush	13	14	Spotting Brush	34	42	Vat Scrubber	22	74-3	Varnish Brush	7
6	Hair Mop	15	14	Table Scrub	19	43	Vat Scrubber	22	75X	Bottle Brush	20
6	Hair Pencil	15	14	Tube Brush	20	44	Nail Brush	18	75	Bottle Brush	20
6	High Liner	16	15XX	Street Broom	24	44	Paste Brush	13	75	Paint Brush	10
6	Kalsomine Brush	10, 11	15XXX	Street Broom	24	44-10	Paste Brush	13	75	Wire Wheel	38
6	Lettering Brush	15, 16	15	Benzine Brush	35	44-30	Paste Brush	13	76	Wire Wheel	38
6	Marking Brush	8	15	Can Scrub	21	44-50	Paste Brush	13	77	Wire Wheel	38
6	Mop Stick	42	15	Caulking Brush	12	44-70	Paste Brush	13	80	Feather Duster	32
6	Moulders' Brush	33	15	Tube Brush	20	45-3	Paste Brush	13	80	Glue Brush	13
6	Nu-way Mat	46	16X	Floor Broom	26	45-3 1/2	Paste Brush	13	80	Kalsomine Brush	11
6	Oil Brush	34	16XX	Floor Broom	26	45-4	Paste Brush	13	80	Stencil Brush	9
6	Painters' Duster	12	16XXX	Floor Broom	26	45-5	Paste Brush	13	80	Acid Brush	7
6	Plate Brush	35	16	Benzine Brush	35	46	Lye Brush	34	80	Grease Brush	7
6	Rubber Mat	46	16	Down Duster	32	46	Nail Brush	18	80	Pastry Brush	7
6	Sash Brush	9	16	Galvanized Pail	43	46	Paste Brush	13	80	Varnish Brush	7
6	Show Card Brush	15	16	Metal Polish	28	46-2	Paste Brush	13	80-1	Acid Brush	7
6	Spotting Brush	34	16-B	Mopping Bucket	44	46-4	Paste Brush	13	80-1	Paste Brush	7
6	Striping Brush	16	16	Painters' Duster	12	46-6	Paste Brush	13	80-1	Varnish Brush	7
6	Tube Brush	40	16	Squeegee	22	47	Bench Duster	29	80-1 1/2	Acid Brush	7
6 x 6	Wall Stippler	12	16	Tube Brush	20	47	Lye Brush	34	80-1 1/2	Pastry Brush	7
6	Whitewash Brush	10	16	Tar Brush	11	48	Bench Duster	29	80-1 1/2	Varnish Brush	7
6	Yacht Mop	42	17	Bench Duster	29	48	Lye Brush	34	80-2	Acid Brush	7
7-G	Mopping Bucket	44	17	Benzine Brush	35	49	Lye Brush	34	80-2	Pastry Brush	7
7	Artists' Brush	15	18X	Floor Broom	26	49	Spiral Heater Brush	39	80-2	Varnish Brush	7
7	Bench Duster	29	18XX	Floor Broom	26	49-1	Spiral Heater Brush	39	80-2 1/2	Acid Brush	7
7	Cocoa Mat	46	18XXX	Floor Broom	26	49-2	Spiral Heater Brush	39	80-2 1/2	Pastry Brush	7
7	Dustpan Brush	31	18	Bench Duster	29	49-3	Spiral Heater Brush	39	80-2 1/2	Varnish Brush	7
7	Hair Pencil	15	18	Benzine Brush	35	50	Spiral Boiler Tube Brush	39	80-3	Acid Brush	7
7	Kalsomine Brush	10, 11	18	Painters' Duster	12	50	Vat Scrubber	22	80-3	Pastry Brush	7
7	Lettering Brush	16	18	Spoke Brush	33	51	Acid Brush	7	80-3	Varnish Brush	7
7	Moulders' Brush	33	18	Squeegee	22	51	Bottle Brush	20	84	Window Brush	21
7	Nu-way Mat	46	18-3	Painters' Duster	12	51	Grease Brush	7	85	Paint Brush	10
7	Paint Brush	8	18-3 1/2	Painters' Duster	12	51	Pastry Brush	7	85	Bench Brush	30
7	Rubber Mat	46	18-4	Painters' Duster	12	51	Varnish Brush	7	86	Window Brush	21
7	Sash Brush	9	19	Benzine Brush	35	51	Vat Scrubber	22	88	Scrub Brush	19
7	Spotting Brush	34	19	Spoke Brush	33	52	Vat Scrubber	22	88	Window Brush	21
7	Tube Brush	20	20XXX	Floor Broom	26	55	Cellar Broom	23	89-2	Varnish Brush	6
7	Whitewash Brush	10	20	Benzine Brush	35	55	Paint Brush	10	90	Dust Pan	45
7	Yacht Mop	42	20	Bottle Brush	20	58	Horse Brush	33	90	Feather Duster	32
7-3	Paint Brush	8	20	Clothes Basket	47	58	Janitor Duster	29	91	Bannister Brush	30
7-3 1/2	Paint Brush	8	20	Glue Brush	13	59	Janitor Duster	29	92	Bannister Brush	30
7-4	Paint Brush	8	20	Mop Truck	45	60	Glue Brush	13	93	Bannister Brush	30
8	Artists' Brush	15	21	Hub	38	60	Horse Brush	33	94	Roof Hook	51
8	Bench Duster	29	21	Plate Brush	35	60	Janitor Duster	29	95	Paint Brush	10
8	Cocoa Mat	46	21	Spoke Brush	33	60	Stencil Brush	10	96	Roof Hook	51
8	Corn Broom	40	21	Velvet Brush	35	60	Paint Brush	9	100	Feather Duster	32
8	Hair Mops	15	21	Wire Refill	39	61	Hub	38	100	Glue Brush	13
8	Hair Pencil	15	22A	Spoke Brush	33	62	Push Broom	24	100	Paint Brush	10
8	Lettering Brush	15, 16	22 Cedar	Wooden Pail	43	63	Upright Broom	23	100	Stencil Brush	9
8	Nu-way Mat	46	22	Bottle Brush	20	64	Push Broom	24	103	Factory Broom	25
8	Painters' Duster	12	22	Clothes Basket	47	64	Upright Broom	23	103	Typewriter Brush	9
8	Plate Brush	35	22	Plate Brush	35	64	Wheel Brush	38	104	Factory Broom	25
8	Rubber Mat	46	22	Scrub Brush	19	65	Bench Brush	30	104	Typewriter Brush	9
8	Sash Brush	9	22	Velvet Brush	35	65	Paint Brush	10	105	Factory Broom	25
8	Show Card Brush	15	23	Inspectors' Brush	35	65	Wheel Brush	38	105	Hair Brush	17
8	Smoothing Brush	12	23	O-Cedar Mop	28	66	Scrub Brush	19	105	Paint Brush	10
8	Spotting Brush	34	23	Plate Brush	35	66	Wheel Brush	38	106	Bottle Brush	20

## NUMBER INDEX

Cat. No.	Item	Page No.	Cat. No.	Item	Page No.	Cat. No.	Item	Page No.	Cat. No.	Item	Page No.
110.....	Paint Brush.....	10	213.....	Varnish Brush.....	14	320.....	Floor Broom.....	26	624.....	Floor Broom.....	27
112-A.....	Floor Broom.....	25	213-1.....	Varnish Brush.....	14	322.....	Deck Scrub.....	22	630.....	Floor Broom.....	27
112.....	Floor Broom.....	25	213-1 1/2.....	Varnish Brush.....	14	324.....	Floor Broom.....	26	636.....	Floor Broom.....	27
114-A.....	Floor Broom.....	25	213-2.....	Varnish Brush.....	14	325.....	Deck Scrub.....	22	639-C.....	Scrub Brush.....	19
114.....	Floor Broom.....	25	213-2 1/2.....	Varnish Brush.....	14	326.....	Deck Scrub.....	22	700.....	Stencil Brush.....	9
114.....	Mop Wringer.....	43	213-3.....	Varnish Brush.....	14	330.....	Floor Broom.....	26	712.....	Floor Broom.....	27
115.....	Paint Brush.....	10	214-A.....	Shoe Brush.....	18	335.....	Glass Brush.....	20	714.....	Floor Broom.....	27
116-A.....	Floor Broom.....	25	214.....	Feather Duster.....	32	336.....	Floor Broom.....	26	716.....	Floor Broom.....	27
116.....	Floor Broom.....	25	215.....	Floor Broom.....	26	336.....	Glass Brush.....	20	717-P.....	Drag Broom.....	25
118-A.....	Floor Broom.....	25	215.....	Shoe Brush.....	18	338.....	Scrub Brush.....	19	718.....	Floor Broom.....	27
118.....	Floor Broom.....	25	216.....	Feather Duster.....	32	349-J.....	Dusting Brush.....	36	720.....	Floor Broom.....	27
120-A.....	Floor Broom.....	25	216.....	Floor Broom.....	26	363.....	Tube Brush.....	20	724.....	Floor Broom.....	27
120.....	Floor Broom.....	25	218.....	File Cleaner.....	36	364.....	Tube Brush.....	20	726.....	Dusting Brush.....	31
120.....	Paint Brush.....	10	218.....	Floor Broom.....	6	387.....	Wire Cup Brush.....	39	727.....	Hearth Duster.....	31
121.....	Scrub Brush.....	18	219.....	File Cleaner.....	36	389.....	Wire Cup Brush.....	39	730.....	Floor Broom.....	27
124-A.....	Floor Broom.....	25	220.....	Butchers' Brush.....	36	389.....	Scrub Brush.....	19	736.....	Floor Broom.....	27
124.....	Floor Broom.....	25	220.....	Floor Broom.....	26	390.....	Bowl Brush.....	20	748.....	Dusting Brush.....	31
125.....	Paint Brush.....	10	220.....	Varnish Brush.....	14	390.....	Wire Cup Brush.....	39	750.....	Cornice Duster.....	31
125.....	Window Brush.....	21	220-1.....	Varnish Brush.....	14	390.....	Scrub Brush.....	19	768.....	Closet Brush.....	19
126.....	Window Brush.....	21	220-1 1/2.....	Varnish Brush.....	14	397.....	Wire Cup Brush.....	39	777.....	Pot Scrub.....	19
126.....	Wire Wheel.....	37	220-2.....	Varnish Brush.....	14	399.....	Can Scrub.....	21	790.....	Closet Brush.....	20
128.....	Window Brush.....	21	220-2 1/2.....	Varnish Brush.....	14	399.....	Wire Cup Brush.....	39	796.....	Nail Brush.....	17
128.....	Wire Wheel.....	37	220-3.....	Varnish Brush.....	14	400.....	Can Scrub.....	21	808D-3.....	Wire Brush.....	34
129.....	Window Brush.....	21	222.....	Butchers' Block Brush.....	36	400.....	Wire Cup Brush.....	39	808D-4.....	Wire Brush.....	34
130-A.....	Floor Broom.....	25	223.....	Butchers' Brush.....	36	400.....	Nail Brush.....	18	905.....	Corn Whisk.....	41
130.....	Floor Broom.....	25	223.....	Shoe Brush.....	18	401.....	Can Scrub.....	21	908.....	Corn Whisk.....	41
130.....	Window Brush.....	21	224.....	Floor Broom.....	26	402.....	Can Scrub.....	21	921.....	Corn Whisk.....	41
130.....	Wire Wheel.....	37	225.....	Shoe Brush.....	18	403.....	Scrub Brush.....	19	923.....	Corn Whisk.....	41
132.....	Wire Wheel.....	37	225.....	Varnish Brush.....	14	403.....	Street Broom.....	23	958.....	Corn Whisk.....	41
135.....	Window Brush.....	21	225-1.....	Varnish Brush.....	14	404.....	Scrub Brush.....	19	959.....	Corn Whisk.....	41
136-A.....	Floor Broom.....	25	225-1 1/2.....	Varnish Brush.....	14	405.....	Scrub Brush.....	19	963.....	Corn Whisk.....	41
136.....	Floor Broom.....	25	225-2.....	Varnish Brush.....	14	405.....	Street Broom.....	23	1038.....	Corn Whisk.....	41
137.....	Table Scrub.....	19	225-2 1/2.....	Varnish Brush.....	14	406.....	Scrub Brush.....	19	1039.....	Corn Whisk.....	41
142.....	Wire Wheel.....	37	225-3.....	Varnish Brush.....	14	407.....	Scrub Brush.....	19	1040.....	Corn Whisk.....	41
143.....	Wire Wheel.....	37	228.....	Butchers' Block Brush.....	37	407.....	Street Broom.....	23	1041.....	Corn Whisk.....	41
144.....	Wire Wheel.....	37	228.....	Shoe Brush.....	18	408.....	Street Broom.....	23	1057.....	Corn Whisk.....	41
145.....	Wire Wheel.....	37	230.....	Floor Broom.....	26	412-B.....	Floor Broom.....	26	1057-M.....	Typewriter Brush.....	9
147.....	Bench Duster.....	29	236.....	Floor Broom.....	26	412.....	Floor Broom.....	26	1063.....	Stair Whisk.....	41
148.....	Bench Duster.....	29	238.....	Shoe Brush.....	18	414-B.....	Floor Broom.....	26	1078.....	Corn Whisk.....	41
151.....	Bannister Brush.....	30	240.....	Colour Brush.....	14	414.....	Floor Broom.....	26	1079.....	Corn Whisk.....	41
151.....	Scrub Brush.....	18	240-1.....	Colour Brush.....	14	416-B.....	Floor Broom.....	26	1080.....	Corn Whisk.....	41
160.....	Galvanized Pail.....	44	240-1 1/2.....	Colour Brush.....	14	416.....	Floor Broom.....	26	1229.....	Colour Brush.....	14
160.....	Metal Polish.....	28	240-2.....	Colour Brush.....	14	418-B.....	Floor Broom.....	26	1229-1.....	Colour Brush.....	14
160.....	Mopping Bucket.....	44	240-2 1/2.....	Colour Brush.....	14	418.....	Floor Broom.....	26	1229-1 1/2.....	Colour Brush.....	14
174.....	Scrub Brush.....	19	240-3.....	Colour Brush.....	14	420-B.....	Floor Broom.....	26	1229-2.....	Colour Brush.....	14
181.....	Scrub Brush.....	18	241.....	Casting Brush.....	37	420.....	Floor Broom.....	26	1229-2 1/2.....	Colour Brush.....	14
200.....	Bench Duster.....	30	241.....	Colour Brush.....	14	424-B.....	Floor Broom.....	26	1233.....	Sink Brush.....	19
200.....	Glue Brush.....	13	241-1/2.....	Colour Brush.....	14	424.....	Floor Broom.....	26	1259.....	Shoe Brush.....	18
200.....	Scratch Brush.....	36	241-1.....	Colour Brush.....	14	430.....	Floor Broom.....	26	1260.....	Shoe Brush.....	18
200.....	Stencil Brush.....	9	241-1 1/2.....	Colour Brush.....	14	436.....	Floor Broom.....	26	1264.....	Shoe Brush.....	18
201-G.....	Lettering Brush.....	15	241-2.....	Colour Brush.....	14	439.....	Wire Broom.....	24	1399-J.....	Fourdrinier Brush.....	36
201.....	Bench Duster.....	30	241-2 1/2.....	Colour Brush.....	14	440.....	Wire Broom.....	24	2002.....	Table Scrub.....	19
201.....	Scratch Brush.....	36	241-3.....	Colour Brush.....	14	464.....	Scrub Brush.....	18	2003.....	Table Scrub.....	19
202.....	Scratch Brush.....	36	242.....	Casting Brush.....	37	465.....	Scrub Brush.....	18	2024.....	Scrub Brush.....	18
203.....	Garage Broom.....	25	244.....	Casting Brush.....	37	488.....	Deck Broom.....	22	2026.....	Scrub Brush.....	18
203.....	Scratch Brush.....	36	246-B.....	Casting Brush.....	37	490.....	Deck Broom.....	22	2031.....	Nail Brush.....	17
204.....	Garage Broom.....	25	246.....	Casting Brush.....	37	499.....	Scrub Brush.....	18	2043.....	Table Scrub.....	19
204.....	Scratch Brush.....	36	247-B.....	Casting Brush.....	37	500.....	Hair Brush.....	17	2264.....	Deck Scrub.....	22
205.....	Garage Broom.....	25	247.....	Casting Brush.....	37	500.....	Scrub Brush.....	18	2265.....	Deck Scrub.....	22
205.....	Scratch Brush.....	36	248-B.....	Casting Brush.....	37	500.....	Stencil Brush.....	9	2270.....	Deck Scrub.....	22
206.....	Garage Broom.....	25	248.....	Casting Brush.....	37	503.....	Factory Broom.....	25	2271.....	Deck Scrub.....	22
206.....	Scratch Brush.....	36	260.....	Mopping Bucket.....	44	504.....	Factory Broom.....	25	2272.....	Deck Scrub.....	22
207.....	Garage Broom.....	25	261.....	Stove Brush.....	33	505.....	Factory Broom.....	25	2503.....	Factory Broom.....	41
207.....	Scratch Brush.....	36	300.....	Bench Brush.....	30	512.....	Floor Broom.....	27	2513.....	Factory Broom.....	41
208.....	Garage Broom.....	25	300.....	Stencil Brush.....	9	514.....	Floor Broom.....	27	3022.....	Horse Brush.....	33
208.....	Scratch Brush.....	36	303.....	Garage Broom.....	25	516.....	Floor Broom.....	27	3101.....	Plate Brush.....	35
209.....	Garage Broom.....	25	304.....	Garage Broom.....	25	518.....	Floor Broom.....	27	3204.....	Pole Connector.....	21
209.....	Garage Broom.....	25	305.....	Garage Broom.....	25	520.....	Floor Broom.....	27	6296.....	Bath Brush.....	17
209.....	Scratch Brush.....	36	306.....	Garage Broom.....	25	524.....	Floor Broom.....	27	6350.....	Nail Brush.....	17
209.....	Shoe Dauber.....	18	307.....	Garage Broom.....	25	603.....	Ladder Bracket.....	51	6360.....	Fresco Liner.....	9
210.....	Icing Brush.....	31	308.....	Garage Broom.....	25	612.....	Floor Broom.....	27	6391.....	Bath Brush.....	17
210.....	Scratch Brush.....	36	309.....	Garage Broom.....	25	614.....	Floor Broom.....	27	6405.....	Hair Brush.....	17
211.....	Scratch Brush.....	36	312.....	Floor Broom.....	26	615.....	Triangle.....	51	6406.....	Hair Brush.....	17
212.....	Feather Duster.....	32	314.....	Floor Broom.....	26	616.....	Floor Broom.....	27	6630.....	Nail Brush.....	17
212.....	Floor Broom.....	32	316.....	Floor Broom.....	26	618.....	Floor Broom.....	27	6632.....	Nail Brush.....	17
212.....	Icing Brush.....	31	318.....	Floor Broom.....	26	620.....	Floor Broom.....	27	16000.....	Galvanized Pail.....	44



